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Ontario · Legislative Assembly

# SESSIONAL PAPERS

## VOL. LXVIII.—PART V

## SECOND SESSION

OF THE

## NINETEENTH LEGISLATURE

OF THE

## PROVINCE OF ONTARIO

SESSION 1936

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1937

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ONTARIO RESEARCH FOUNDATION
NIAGARA PARKS COMMISSION

# Thirtieth Annual Report

OF THE

# ONTARIO MUNICIPAL BOARD

## To December 31st, 1935

PRESENTED TO THE LEGISLATIVE ASSEMBLY
BY COMMAND.

SESSIONAL PAPER No. 24, 1936

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

To Colonel, The Honourable Herbert A. Bruce,

*Lieutenant-Governor of the Province of Ontario, in Council.*

May It Please Your Honour:

The undersigned has the honour to transmit herewith the Thirtieth Report of the Ontario Municipal Board for the year ending December 31st, 1935.

Respectfully submitted,

David A. Croll,
*Minister of Municipal Affairs.*

Parliament Buildings,
Toronto, April, 3rd, 1936.

April, 3rd, 1936.

DEAR SIR: *Re Thirtieth Annual Report.*

I have the honour to send you herewith the Thirtieth Annual Report of The Ontario Municipal Board, to December 31st, 1935.

I have the honour to be,

Your obedient servant,

M. B. SANDERSON,

*Acting Secretary.*

The Honourable the Minister of Municipal Affairs,
Parliament Buildings,
Toronto.

## ORGANIZATION

The Organization of the Ontario Municipal Board of the Province of Ontario is as follows:

| | |
|---|---|
| E. W. Cross, M.A., | *Chairman* |
| W. M. Brodie, | *Vice-Chairman* |
| H. L. Cummings, | *Commissioner* |
| M. B. Sanderson, | *Acting Secretary* |
| J. A. McDonald, | *Inspector of Telephone Service* |

# THIRTIETH ANNUAL REPORT

of the

# Ontario Municipal Board

To December 31st, 1935

In pursuance of Section 162 of "The Ontario Municipal Board Act, 1932", The Ontario Municipal Board beg leave respectfully to submit their Thirtieth Annual Report.

Since the passing of "The Ontario Municipal Board Act, 1932" (Chapter 27), amendments have been made by Chapter 39, Ontario Statutes, 1934, and Chapter 51, Ontario Statutes, 1935.

## Applications to the Board.

There were 618 applications to the Board during 1935, and in regard to 150 of these public Hearings were held. The applications included a great variety of matters falling within the jurisdiction of the Board and are set out in the "Abstract and Summary" contained in the Appendix to this Report.

## Sittings of the Board.

The Board held meetings for the transaction of routine business and the disposal of applications every juridical day throughout the year and, as will be noted, seventy-five per cent of the applications were dealt with informally. These informal applications, disposed of without the necessity of Hearings, entailed in many instances a considerable amount of inquiry and consideration on the part of the Board's officials, especially those coming under the amendment of 1935 to the Board's Act requiring all capital undertakings and expenditures by Municipalities to be approved by the Board.

Of the formal applications made to the Board in 1935 all those in which the parties were ready to proceed were disposed of, except in a few cases where adjournments were granted to the parties at the request of Counsel or in order to procure further evidence or to obtain reports from experts in connection with technical questions involved. Applicants and parties interested are disposed to take advantage of the opportunities afforded them by the Board's Rules for obtaining discovery and production to some extent delays the fiinal dates for the hearing of the applications, but in fact facilitates the disposition at the Hearings of the matters in question before the Board.

## LAW STAMPS.

During 1935 the amount of revenue collected by the Board in Law Stamps amounted to $4,934.00. In 1931 the amount collected was $8,739.50; 1932, $9.033.00; 1933, $6,935.50; and 1934, $5,159.00.

## APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES (INVOLVING DEBENTURE ISSUES) BY MUNICIPALITIES.

On the 18th April, 1935, an Act to amend "The Ontario Municipal Board Act, 1932" (Chapter 51), came into effect. enacting, by section 4 thereof, section 89, whereby a Municipality is prohibited from exercising any of its powers to proceed with, authorize or provide any moneys for any undertaking, work, project, scheme, act, matter or thing, the cost or any portion of the cost of which it is intended or required to be provided or raised by the issue of debentures of the Municipality until the approval of this Board is first obtained. It will be readily understood that this necessitated a great many applications to the Board, a list of which will be found in the Appendix, indexed under "Capital Undertakings".

The amount of the expenditures which were the subject of these applications totalled $14,399,404.51.

## ANNEXATIONS OF TERRITORY.

Two applications were made to the Board in 1935 by urban Municipalities for annexation of additional territory thereto. An alphabetical list of these are to be found in the Appendix.

## ARBITRATIONS.

In 1935 the Board acted as Arbitrators in connection with 13 applications made to it under "The Power Commission Act", "The Public Work Act" and "The Highway Improvement Act".

## VALIDATION OF MUNICIPAL DEBENTURES.

There were 33 applications to the Board during 1935 for validation of Municipal By-laws and certification of debentures thereunder, involving issues amounting to $1,557,729.36.

While purchasers of debentures, in some cases, have been satisfied with Orders of the Board under section 89 of its Act, as enacted by section 4, Chapter 51, Ontario Statutes, 1935, it has been found that Orders validating the By-laws as finally passed and providing for certification of the debentures, falicitates the marketing of the issue. Part V. of the Board's Act, 1932, is the only legislation giving the Board authority to issue an Order validating the By-law and to certify the debentures thereunder.

## SUPERVISED MUNICIPALITIES.

(Chapter 27, Ontario Statutes, 1932. (Part VI), and "The Department of Municipal Affairs Act, 1935", (Chapter 16), (Part III).

During 1935 Orders were issued by the Board respecting the supervision of Ten Municipalities.

Under the first mentioned legislation the financial affairs of the municipalities were placed under the control of Committees of Supervisors, but since the Department of Municipal Affairs Act came into effect on the 18th April, 1935, the supervision is vested in that Department.

## PLANS.

(Land Subdivisions)

Under "The Planning and Development Act" (Chapter 236, R.S.O., 1927); "The Land Titles Act" (Chapter 158, R.S.O., 1927), Section 110; and "The Registry Act" (Chapter 155, R.S.O., 1927), Section 80, subsections (14) and (18), 21 plans were presented to the Board for approval and certification. An alphabetical list of the owners of the properties in question is contained in the Appendix.

## EXTENSION OF MUNICIPAL UTILITIES.

(Section 399 (2) of "The Municipal Act").

An alphabetical list of the Municipalities applying to the Board for approval of extensions of Public Utilities will be found in the Appendix, indexed under the word "Approval". The debenture issue therefor approved by the Board in 1935 amounted to $358,584.50.

## PROVINCIAL RAILWAYS.

An alphabetical list (under the names of the Railway Systems affected) of applications to the Board during 1935, is contained in the Appendix to this Report.

Extensions of and improvements to Provincial Railways during 1935, as reported to the Board, will also be found in the Appendix (arranged alphabetically) under the names of the several Systems reporting.

## FLOATING INDEBTEDNESS.

(Section 78 (d) of Part V., Chapter 27, Ontario Statutes, 1932).

Under this legislation the Board issued Orders in respect to four Municipalities authorizing debenture issues totalling $103,860. This meant considerable saving of expense to the Municipalities concerned as special Acts of the Legislature would otherwise have been necessary.

## UNEMPLOYMENT RELIEF.

Section 8 of "The Unemployment Relief Act, 1933' and Section 7 of the "The Unemployment Relief Act, 1935".

In 1935 the Board considered and approved applications for Unemployment Relief Works involving debenture issues amounting to $3,306,268.16, and Direct Relief $6,040,080.34.

Since the coming into effect on the 18th April, 1935, of the last mentioned Act, Orders were issued under this Act jointly with section 89 of the Board's Act as enacted by section 4, Chapter 51, Ontario Statutes, 1935. A list of the applications filed with the Board will be found in the Appendix, indexed under "Unemployment Relief" and "Capital Undertakings".

## ASSESSMENT APPEALS.

42 Assessment Appeals were filed with the Board during 1935, under section 83 of "The Assessment Act". The assessed value of the property in question amounted to $7,213,599.

## ACCIDENTS.

A tabulated summary of Accident Reports received by the Board from Provincial Railways during the year 1935 appears in the Appendix and shows that 17 persons were killed and 1,038 injured during the year.

## TRUCK LICENSES AND PUBLIC COMMERCIAL VEHICLE LICENSES.

In accordance with the policy of the Government that the granting of licenses might be taken entirely out of politics, the matter of enquiry into the circumstances surrounding each of these applications and the hearing of evidence as to the public necessity and convenience of service to the general public in regard to same was transferred to this Board under an Act of the Legislature in 1933, Chapter 49, and the Board, in the exercise of its powers so conferred, may grant or refuse a Certificate. It then rests with the Department of Highways, in its discretion, to issue or refuse the license.

To conduct these enquiries the Board has been obliged to set aside at least two days a month for such purpose, being the first and third Mondays. During the year 1935 approximately 60 applications were heard for bus licenses and 790 applications for Public Commercial Vehicle Licenses.

In pressing an application before the Board the Applicant may appear either personally or by his Solicitor, or, if unable to appear in person, may send to the Board such information as he thinks will entitle him to the Certificate. The Board endeavors, to the best of its ability, to obtain a knowledge of all the relative facts and circumstances in regard to each application, and, taking into consideration only the necessity and convenience of service to the general public, to decide accordingly.

## FORMS.

The Board has (for distribution to parties interested) the following forms and specifications, namely:—

1. The Board's Rules of practice and Procedure and Practice Forms.
2. Regulations, Specifications and Forms respecting Railways.
3. Standard Specifications for Bridges, Viaducts, Trestles or other structures.
4. Forms under "The Planning and Development Act", with directions for guidance of applicants thereunder.
5. Forms for submission of a By-law or question to a poll, under "The Municipal Act".
6. Form for Money By-law.
7. Forms of affidavits in support of application under Part V. of "The Ontario Municipal Board Act, 1932".
8. Preliminary Resolution under Section 8 of "The Local Improvement Act".
9. Forms for Annual Reports by Railway Systems.
10. Forms for Reports as to Examination of Motormen.
11. Forms for Reports of Accidents by Railway Systems.
12. Directions for guidance of applicants under Subsection (2) of Section 399 of "The Municipal Act".
13. Tariff of the Board's Fees.
14. Memorandum of material required in support of application for approval of undertaking of capital expenditure involving debenture issue, under section 89 of "The Ontario Municipal Board Act, 1932", as enacted by section 4, Chapter 51, Ontario Statutes, 1935.
15. "The Telephone Act".
16. Form of Annual Report to be furnished to the subscribers to a Telephone System established under Part II of "The Telephone Act".
17. Instructions for preparation of Annual Report as mentioned in No. 16.
18. Pamphlet containing information regarding Provincial Telephone Systems, and including

    (*a*) Form of By-law providing for the establishment of a Telephone System under Part II of "The Telephone Act".

    (*b*) Form of By-law providing for the issue of debentures to pay for the cost of establishing a telephone system under Part II of "The Telephone Act".

    (*c*) Form of By-law to regulate the management and operation of a telephone system established under Part II of "The Telephone Act".

(*d*) Form of Account for the use by Telephone Companies using the "Discount System of Collections".

(*e*) Form of Municipal Debenture — Instalment Plan.

(*f*) Form of Constitution and By-laws for a Telephone Company.

19. Forms of Petition praying for the establishment or extension of a Telephone System, under Part II of "The Telephone Act".

20. Forms of By-laws granting to a Telephone Company the right to use the highways of a Township.

21. Regulations and specifications for telephone or telegraph wires crossing railways.

22. Form for Return by Municipality operating a Telephone System.

23. Form for Return by Company, etc., operating a Telephone System.

24. Form for Tariff of Tolls for Telephone System.

25. Form for Return by Companies required by Order of the oBard to set up a reserve for depreciation.

## MISCELLANEOUS MATTERS UNDER THE BOARD'S JURISDICTION.

A classified analysis of miscellaneous matters dealt with by the Board in 1935 will be found in the Appendix. These include Annexations of territory, under "The Municipal Act"; Arbitrations; Assessment Appeals under Section 83 of "The Assessment Act"; Appeals to the Board under "The Department of Municipal Affairs Act", section 28; Bridges — Relief from re-building, under section 469 (9) of "The Municipal Act"; Detachment of Farm lands — Section 21 of "The Municipal Act"; Fire Halls, Fire Engines, etc., expenditures for — Section 27, Chapter 50, Ontario Statutes, 1931; Floating Indebtedness, authority to Municipalities to issue debentures to pay — Section 78 (d) of Chapter 27, Ontario Statutes, 1932; The (Municipal) Franchises Act, Section 8, subsections (3) and (4), as enacted by section 2, Chapter 39, Ontario Statutes, 1933; Highways (County), abandonment of part of — Section 457 of "The Municipal Act"; Highways, Department of, Claims against — Applications under section 77a of "The Highway Improvement Act"; Highways (Narrow), approved under Section 490 (2) of "The Municipal Act"; Increased borrowings by Municipal Councils — Section 334 (7) of "The Municipal Act" as re-enacted by section 10 (2) of Chapter 37, Ontario Statutes, 1933; Interest Decrease By-lays, approved under section 300 of "The Municipal Act" Lane, Claim for reduction or exemption of assessment of properties for opening of — Section 27a of "The Local Improvement Act" as re-enacted by section 2, Chapter 26, Ontario Statutes, 1933; Lanes, opening and paving of — Section 27a of "The Local Improvement Act", as re-enacted by section 3, Chapter 26, Ontario Statutes, 1933; Legislation (Special) — By-laws, etc., approved under; Local Improvements, approval of the passing of Construction By-laws therefor, under section 8 of "The Local Improvement Act", as re-enacted by section 2 of "The Local Improvement Amendment Act, 1932"

(Chapter 30); Local Improvements — abandonment of part of work, under Section 18 of "The Local Improvement Act"; Apportionment of cost of Local Improvement Work — approval of By-laws under section 26 (3) of "The Local Improvement Act"; "The Ontario Municipal Board Act, 1932"; — Sections 44 and 50; "The Public Parks Act" (Chapter 248, R.S.O.), Section 12 — approval setting aside portion of Park for athletic purposes, etc.; Restrictions as to use of land or buildings, etc. ,approval of under section 398 of "The Municipal Act", and repeal of or amendment to, under subsection (2b) of said section 398; Sinking Funds, approval of By-laws for investment of, under section 317 of "The Municipal Act"; Supervised Municipalities, under Part VI, Chapter 27, Ontario Statutes, 1932 (now Part III of "The Department of Municipal Affairs Act, 1935"); Tax Rate, approval of further debt and levies, under section 306 (2) of "The Municipal Act"; The Unemployment Relief Acts of 1933 and 1935; "The City of Windsor Amalgamation Act, 1935"; and Works ordered by the Dominion Railway Board — approval of By-laws for, under section 297 (2) (f), of "The Municipal Act", as re-enacted by section 18, Chapter 50, Ontario Statutes, 1931.

M. B. SANDERSON,
*Acting Secretary.*

## REPORT OF THE INSPECTOR OF TELEPHONE SERVICE, FOR THE YEAR 1935.

The following applications under the provisions of "The Telephone Act" were dealt with by the Board in 1935:

| | | |
|---|---|---|
| Under Section 19: | For the approval of municipal by-laws for the establishment of telephone systemps | 1 |
| Under Section 24: | For approval of municipal debenture by-laws to meet the cost of establishing or extending telephone systems | 3 |
| Under Section 31: | For approval of the purchase of an existing telephone system by a municipality, or any portion thereof | 3 |
| Under Section 57: | For the approval of the by-laws of a municipal telephone system | 1 |
| Under Section 59: | For an Order prescribing the date for holding the annual meeting of subscribers | 8 |
| Under Section 80: | For the approval of municipal by-laws granting the right to erect poles and wires upon the highways | 2 |
| Under Section 88: | For the approval of by-laws of a telephone company | 4 |
| Under Section 97: | For the approval of agreements providing for the interchange of service | 9 |
| Under Section 98: | For an order fixing the terms and conditions for interchange of service | 1 |
| Under Section 102: | For the approval of the sale of telephone systems | 1 |
| Under Section 104: | For the approval of charges for telephone service | 46 |
| Under Section 105: | For authority to furnish free telephone service | 1 |
| Under Section 109: | For an Order re maintenance of reserve for depreciation | 1 |
| Under Section 110: | For authority to expend a portion of the moneys set aside for depreciation upon new construction or extensions or in the purchase of securities | 8 |
| Under Section 125: | Complaint re breach of Companies Act | 1 |
| | Total number of applications | 90 |

The continued policy of the Board is endeavouring to secure an amicable settlement of matters in dispute between the applicant and respondent, has proved successful in the majority of cases.

In addition to the applications and complaints referred to, a vast amount of correspondence relating to telephone matters has been dealt with by the Board's Telephone Department, through the medium of which much information and assistance has been given to municipalities, companies and other persons interested, and many difficulties which might otherwise have necessitated a formal application and public hearing have been satisfactorily adjusted.

The following changes in and additions to the Board's records of telephone systems coming within its jurisdiction were made during the year:

The Municipality of the Township of St. Joseph purchased the plant and equipment of the Gawas and Shore Road Telephone Company Limited and established a system to be known as "The Gawas Municipal Telephone System".

A new Telephone Company to be known as "Long Lac Telephones Limited" obtained Letters Patent of Incorporation.

The Telephone System of the Mattawa Electric Light and Power Company, Limited, was established.

The number of telephone systems within the jurisdiction of Ontario of which the Board has record is 600, operating 103,569 telephones, 33,386 miles of pole lead carrying 168,210 miles of wire and representing an investment of about $10,000,000.

There are eleven systems owned and operated by municipalities under the provisions of Part I of the Act, viz: the Cities of Fort William and Port Arthur, the Towns of Cochrane, Dryden, Fort Frances, Kenora, Keewatin and Rainy River, and the Townships of Alberton, Caledon and Hilliard.

One hundred and twenty-two systems are now established and operating under Part II of the Act and furnishing service in two hundred and seventy-seven towns, villages and townships.

In addition to the before-mentioned systems, the Forestry Branch of the Department of Lands and Forests is operating an extensive system in connection with its work of fire prevention. This system comprises 624 Telephone Stations, 1,333 miles of pole lead, 1,284 miles of Three Line and 4,955 miles of wire, the total investment being $301,196.46.

Detailed statistics and other information relative to these systems will be found in the appendix to this report, entitled "Telephone Systems, 1936".

JAS. A. MCDONALD,
*Inspector of Telephone Service.*

# ABSTRACT AND SUMMARY

# of

# APPLICATIONS TO THE BOARD

APPLICATIONS TO THE BOARD FOR VALIDATION OF BY-LAWS UNDER PART V. OF CHAPTER 27, ONTARIO STATUTES, 1932.

(*Note*: Abbreviation "I.C" means Irregularities cured; Abbreviation "I" means Irregularities *Not* Cured.)

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Brantford, City of | 2469 | Direct Relief | $100,000.00 | A-5336 |
| Brantford, City of | 2470 | Payment in part of maturing instalments of principal due in 1934 | 50,000.00 | A-5337 |
| Brantford, City of | 2472 | Unemployment Relief Works | 50,000.00 | A-5338 |
| Brantford, City of | 2478 | Unemployment Relief Works (Local Improvements) | 24,365.00 (I) | A-5339 |
| Brantford, City of | 2479 | Unemployment Relief Works (Local Improvements) | 91999.00 (I) | A-5340 |
| Brantford, City of | 2496 | Unemployment Relief Works | 80,000.00 | A-5515-c |
| Brantford, City of | 2497 | Payment part cost of Unemployment Relief | 75,000.00 | A-5515-d |
| Cornwall, Township of | 1283 | Local Improvements (Concrete Sidewalks) | 2,734.20 (I) | A-5375 |
| Cornwall, Township of | 1309 | Additional cost of School Building, etc., P.S.S. No. 1 | 6,500.00 | A-5434 |
| Chesterville, Village of | 567<br>amended by<br>570 | Community Hall | 14,000.00 | A-5304-b |
| Denbigh, Township of | 229 | Public School Section No. 5 | 6,000.00 | A-5737-a |
| Fort William, City of | 3412 | Unemployment Relief Works | 57,907.61 | A-5455-a |
| Fort William, City of | 3407<br>amended by<br>3419 | Concrete Sidewalks | 4,720.00 | A-5595-a |
| Fort William, City of | 3408<br>amended by<br>3420 | Tile Sewers | 5,329.00 | A-5595-b |
| Grey, County of | 3420 | Provincial Highway Construction | 25,000.00 | A-5683 |
| Kitchener, City of (Con.) | 2475 | Local Improvements | 34,902.38 | A-5426-d |
| Kitchener, City of | 2482 | Local Improvements (Sewers, etc.) | 46,960.25 | A-5679-a |
| Kitchener, City of | 2483 | Local Improvements (Streets grading, etc.) | 201,156.25 | A-5679-b |
| Kitchener, City of | 2487 | Unemployment Relief Works | 78,283.22 | A-5599-a |
| Madoc, Village of | 488<br>(amending 484 | High School Purposes | 25,000.00 | A-5310-a |
| Milton, Town of | 668 | Waterworks Extension, etc. | 8,000.00 | A-5408-a |
| Merritton, Town of | 511 | High School Purposes | 28,000.00 | A-5610-b |
| Orillia, Town of | 1257 | Power Development | 385,000.00 | A-5325-a |
| Port Arthur, City of | 2149 | Sewers | 16,400.00 | A-5151-b |
| Rockcliffe Park, Village of (Con.) | 167 | Water Mains, etc. | 9,900.00 | A-5368 |
| Schreiber, Township of | 179 | Electric Light System | 20,000.00 | A-5456-a |
| Stratford, City of | 3595 | Unemployment Relief Works | 6,800.00 | A-5525-a |
| Stratford, City of | 3598)<br>3599) | Local Improvements<br>Road Improvements | 5,482.21 | A-5677-c |

| | | | | |
|---|---|---|---|---|
| Almonte, Town of | 860 | Water Power, etc., from Penman's Ltd. | $ 6,000.00 | A-5306-a |
| Bracebridge, Town of | 608 | Water Works Extensions and Improvements | 12,000.00 | A-5186-a |
| Blenheim, Town of | 732 | Water Works Extensions and Improvements | 8,000.00 | A-5459 |
| Cornwall, Town of | 21 (1935) | Water Works Improvements | 36,584.50 | A-5652-a |
| Ottawa, City of | 8071 | Water Works Extensions, etc. | 40,000.00 | A-5552 |
| Ottawa, City of | 8148 | Water Works Purposes | 160,000.00 | A-5708-a |
| Ottawa, City of | 8146 | Water Works Purposes | 50,000.00 | A-5709-a |
| Ottawa, City of | 8147 | Water Works Purposes | 40,000.00 | A-5552-a |
| Oakville, Town of | 905 | Water Works Purposes | 6,000.00 | A-5770-a |

## APPLICATIONS TO THE BOARD FOR APPROVAL OF BY-LAWS UNDER SUBSECTION (2) OF SECTION 399 OF "THE MUNICIPAL ACT".

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Thorah, Township of | 459A | Highway Purposes | 6,000.00 | A-5493-a |
| Timmins, Town of | | Addition to Moneta Public School | 30,000.00 | A-5467-a |
| Timmins, Town of | 463 | Local Improvements | 51,280.24 | A-5663-b |
| Uxbridge, Town of | 926 | Skating Rink | 8,000.00 | A-5735-a |
| Wiarton, Town of | 318 | Park Purposes | 3,000.00 | A-5748-a |

## APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935 — (APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES).

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".
(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| (a) Alvinston, Town of | Local Improvements | $ 1,628.40 | A-5458 |
| Aldborough, Township of | Drainage — "Barrett" and "McDonald" Drains | 2,562.00 | A-5550 |
| Aldborough, Township of | Drainage —<br>"Cahill" Drain $420.00<br>"Zoller" Drain $295.00 | 715.00 | A-5622 |
| Aldborough, Township of | Drainage — "Hill" Drain | 1,081.00 | A-5716 |
| Brantford, City of | Unemployment Relief Works (By-laws 2460 and 2488) | 233,738.00 | A-5450 |
| Blenheim, Town of | Water Works Extension | 8,000.00 | A-5459 |
| (b) Brantford, City of | Unemployment Relief Works (By-law 2496) | 80,000.00 | A-5515-a |
| (b) Brantford, City of | Unemployment Relief Works (By-law 2497) | 75,000.00 | A-5515-b |
| Burlington, Town of | Local Improvements (Pavements) | 10,000.00 | A-5548 |
| (a) Brockville, Town of | Alterations, etc., to Local Improvements | 4,600.00 | A-5138-a |
| (b) Brockville, Town of | Direct Relief (By-law B-1864) | 30,000 | A-5575 |
| b) Burlington, Town of | Water Works Extension — Unemployment Relief (proposed By-laws 821-822) | 40,000.00 | A-5099-a |
| (a) Brampton, Town of | Sanitary Sewer — Church St. Local Improvement | 979.10 | A-5697 |
| Brantford, City of | Unemployment Relief (Repairs to pavements, etc) | 55,200.00 | A-5703 |
| Brantford, City of | Local Improvements (Wilkes Street Sewer) | 811.50 | A-5765 |
| BBurlington, Town of | Unemployment Relief Works (Retaining Wall, Water St.) | 18,200.00 | A-5803 |
| (b) Brantford, City of | Unemployment Relief Works | 40,000.00 | A-5824 |
| (b) Brantford, City of | Unemployment Relief (proposed By-law 2511) | 65,000.00 | A-5825 |
| Brantford, City of | Payment maturing debenture instalments (By-law 2512) | 50,000.00 | A-5826 |
| (a) Brockville, Town of | Local Improvements (Park Street, etc.) | 38,000.00 | A-5829 |
| (b) Brantford, City of | Local Improvements (Unemployment Relief) | 71,501.28 | A-5851 |
| Chatham, City of | Local Improvements | 228.00 | A-5445-a |
| Cornwall, Township of | Public School Purposes S. S. No. 3 | 35,000.00 | A-5464 |
| Cornwall, Township of | Trunk Sewer McConnell Ave. and Drainage Sewer Mille Roches | 30,047.50 | A-5477 |
| Camden, Township of | Repairs to Black Creek Drain | 825.00 | A-5534 |
| Cornwall, Township of | Addition to School House S. S. No 4 | 12,000.00 | A-5574 |
| Chesterville, Village of | Community Hall (By-law 567 in lieu of 559) | 13,000.00 | A-5304 |
| Collingwood, Township of | Public School Purposes S. S. No. 12 | 1,200.00 | A-5588 |
| Charlottenburg, Township of | Fire Engine for Police Village of Williamstown | 1,800.00 | A-5589 |
| Collingwood, Township of | School Purposes, S. S. No. 12 | 1,200.00 | A-5606 |
| Camden, Township of | "Mason Drain", etc. (By-law 431, 1935) | 1,825.00 | A-5637 |
| Cornwall, Town of | Pavements and Sidewalks (By-law 24, 1935) | 18,752.00 | A-5651 |

| | | | | |
|---|---|---|---|---|
| | Cornwall, Town of | Extensions and Additions to Waterworks Distributing System (By-law 21) | 36,584.50 | A-5652 |
| | Crowland, Township of | Sidewalk on Wright Street (By-law 311) | 1,095.68 | A-5657 |
| | Chatham, Township of | Repair to "Louisville Tap Drains No. 2" | 1,610.00 | A-5699 |
| | Chesterville, Village of | Additional Cost of Community Hall | 1,000.00 | A-5304-a |
| | Cornwall, Township of | Local Improvements — Riverview and Villeneuve Subdivisions, and Sidewalk Walton St. | 5,985.00 | A-5715 |
| (a) | Cornwall, Township of | Local Improvements — Sewers Belmont and Walton Streets | 4,630.00 | A-5810 |
| | Colborne, Township of | Drainage purposes | 400.00 | A-5822 |
| | Dunwich, Township of | Drainage — "Lodge-Graham Drain" (By-law 1179) | 563.00 | A-5615 |
| | Denbigh, Township of | Public School Purposes | 6,000.00 | A-5737 |
| | Dunwich, Township of | Drainage — "Reid" Drain | 347.00 | A-5804 |
| | Exeter, Village of | Local Improvements | 3,088.45 | A-5483 |
| | Eora, Village of | Heating System in High and Public Schools | 6,000.00 | A-5517 |
| | Etobicoke, Township of | 4-roomed adition to Lambton Mills School House | 40,000.00 | A-5671 |
| | East Whitby, Township of | Local Improvement — Watermains | 5,500.00 | A-5796 |
| | Forest Hill, Village of | Local Improvements | 86,957.48 | A-5446 |
| (b) | Fort William, City of | Unemployment Relief Works (Local Improvements) | 57,907.61 | A-5455 |
| | Forest Hill, Village of | Purchase of lands — Bathurst St. and Roselawn Ave. | 75,000.00 | A-5428 |
| | Forest Hill, Village of | Parkettes—N.E. and N.W. Corners of Old Park and Wembley Roads | 5,445.00 | A-5487 |
| | Fort William, City of | Local Improvements — James Street, etc. | 104,667.00 | A-5505 |
| | Forest Hill, Village of | School site — Spadina Road | 25,000.00 | A-5510 |
| | Forest Hill, Village of | Local Improvement — Sidewalk Spadina Parkway | 27,404.00 | A-5542 |
| | Forest Hill, Village of | Local Improvement — Pavement Briar Hill Ave. | 7,500.00 | A-5545 |
| (b) | Fort William, City of | Unemployment Relief Work (Canadian Lakehead Exhibition) | 5,250.00 | A-5564 |
| (a) | Forest Hill, Village of | Local Improvements — Watermain, Whitemore Ave. | 2,545.00 | A-5600 |
| | Fort William, City of | Concrete Sidewalks | 4,720.00 | A-5595-a |
| | Fort William, City of | Tile Sewers | 5,329.00 | A-5595-b |
| | Fort William, City of | Tile Sewer, McGregor Ave. | 1,298.00 | A-5645 |
| | Forest Hill, Village of | Local Improvements — Widening pavement and Construction of Ornamental Street Lightning on Spadina Ave. | 8,750.00<br>6,728.00 | A-5648 |
| | Forest Hill, Village of | Local Improvement — Storm and Sanitary Sewers, Whitmore Ave. | 5,600.00 | A-5653 |
| | Field, Township of | Direct Relief (By-law 242) | 6,000.00 | A-5691 |
| | Forest Hill, Village of | Local Improvement — Pavement St. Clements Ave. | 8,650.00 | A-5721 |
| | Forest Hill, Village of | Local Improvements (Petition) Sewer and Watermain, Caldow Ave. | 1,499.00 | A-5758 |
| | Fort William, City of | Local Improvement — Frederica Street Sewer, Centre to Broadview Ave. | 432.00 | A-5791 |
| | Forest Hill, Village of | Local Improvement — Spadina Parkway — Electrical Construction | 937.25 | A-5792 |
| | Forest Hill, Village of | Local Improvement — Hurling Ave. Sewers | 2,600.00 | A-5820 |
| | Fort William, City of | Frederica Street Sewer — Home Ave. to Mountain Ave. | 749.00 | A-5791-a |
| | Georgetown, Town of | Unemployment Relief (Waterworks Extension) | 1,100.00 | A-5499 |
| (b) | Galt, City of | Local Improvement — Cement concrete wall, River Front | 6,675.00 | A-5482 |

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935 — (APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES) Con'd.

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".
(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| (a) Galt, City of | Local Improvement — Unemployment Relief Works — Francis St. and Lincoln Ave. | 1,363.12 | A-5518 |
| Galt, City of | Grand River Bridge | 49,000.00 | A-5536 |
| Grey, Township of | Improvements to Kinburn Swamp Drain (By-law 9, 1935) | 665.50 | A-5567 |
| Guelph, City of | Extensions, etc., to Sewerage Disposal Plant | 86,000.00 | A-5572-a |
| | (b) Direct Relief for 1934 | 22,000.00 | A-5572-b |
| | (b) Relief Works for 1934 | 124,000.00 | A-5572-c |
| Guelph, City of | Construction of Sewer in Guelph Township to connect with City Sewerage System | 6,200.00 | A-5685 |
| Grey, Township of | "Beauchamp Creek" Drain | 7,758.00 | A-5734 |
| Grey, Township of | "Livingston" Drain | 800.00 | A-5771 |
| Gloucester, Township of | Watermain and Sewer, Police Village of Overbrook | 8,623.33 | A-5841 |
| (b) Guelph, City of | Unemployment Relief Works and Direct Relief | 105,000.00 | A-5848 |
| Huntsville, Town of | Firefighting Equipment | 2,708.51 | A-5463 |
| Harwich, Township of | Drainage purposes — Pearson and McArthur Drain West | 1,874.74 | A-5496 |
| Hallett, Township of | Drainage (By-law 7, 1935) | 5,420.00 | A-5527 |
| Harwich, Township of | Repairs, etc., to "Kelly-Wilson" Drain | 175.00 | A-5665 |
| Harwich, Township of | Repairs, etc., to "Union" Drain | 2,239.00 | A-5580 |
| Howland, Township of | School, S. S. No. 5 | 3,500.00 | A-5593 |
| Howard, Township of | Conctruction "Willis" Drain | 405.00 | A-5619 |
| Hamilton, City of | Local Improvement — Pipe Sewer, Caroline Street | 1,560.00 | A-5694 |
| Harwich, Township of | "Rowe" Drain | 413.00 | A-5762 |
| Harwich, Township of | "Whittington" Drain | 798.00 | A-5794 |
| Howard, Township of | Repair of "Scarfe" Drain | 371.00 | A-5806 |
| Halton, County of | King's Highway Construction (By-law 679) | 25,000.00 | A-5827 |
| Halton, County of | County Highway Construction (By-law 680) | 3,000.00 | A-5827-a |
| (b) Hamilton, City of | Unemployment Relief Works | 387,000.00 | A-5849 |
| (b) Hamilton, City of | Direct Relief | 1,516,000.00 | A-5850 |
| Hamilton, City of | Provincial Highway purposes | 144,775.00 | A-5858 |
| Jarvis, Village of | Continuation School Addition, etc., | 12,000.00 | A-5561 |
| Kitchener, City of | "West Ward" Storm Drain and Completion 9-hole Golf Course | 60,000.00 | A-5443 |
| King, Township of | Refunding tax arrears, Holland Marsh, 1927-1934 | 26,596.93 | A-5465 |
| Kitchener, City of | Fire Engine, etc. | 6,400.00 | A-5479 |
| (b) Kingston, City of | Direct Relief | 40,000.00 | A-5494 |

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| (b) Kitchener, City of | Unemployment Relief Works — Watermains, etc. | 78,283.22 | A-5599 |
| (b) Kitchener, City of | Local Improvements — (Unemployement Relief Works) | 8,895.59 | A-5426-a |
| (b) Kitchener, City of | Local Improvements — (Unemployment Relief Works) | 12,867.56 | A-5426-b |
| (b) Kitchener, City of | Local Improvements — (Unemployment Relief Works) | 13,139.23 | A-5426-c |
| Kingston, City of | Motor Pump for Fire Department | 6,000.00 | A-5635 |
| Kingston, City of | Provincial Highway Construction, 1931-1932-1933-1934 | 44,000.00 | A-5636 |
| (a) Kingston, City of | Local Improvement — Concrete Walks | 1,456.20 | A-5641 |
| Kitchener, City of | Ornamental Street Lighting | 23,335.20 | A-5669 |
| (a) Kingston, City of | Local Improvements—(West side McDonnell Ave. and Ontario St.) | 278.40 | A-5641-a |
| Kitchener, City of | Local Improvement — Sanitary Sewer, Mansion Street | 450.00 | A-5802 |
| Kitchener, City of | Local Improvement — Street Grading, Duchess Street, etc. | 29,512.52 | A-5837 |
| Lochiel, Township of | Drainage Purposes (By-law 165) | 4,280.52 | A-5489 |
| London, City of | Scarifying Streets, etc. | 276,975.27 | A-5491 |
| London, City of | Local Improvements — William Street, etc. | | A-5492 |
| London, City of | Local Improvements — Oakland Avenue, etc. | 2,075.16 | A-5500 |
| Logan, Township of | Drainage Work (By-law 185, 1934) | 1,583.00 | A-5506 |
| London, City of | Thames River diversion | 49,000.00 | A-5519 |
| London, City of | Construction work, Canadian National Railway Grade Separation | 405,685.00 | A-5520 |
| London, City of | Unemployment Relief Works, Princess Ave. Storm Sewer, etc. | 20,000.00 | A-5566 |
| (a) Lindsay, Town of | Local Improvement — Storm Sewer, William St. | 920.00 | A-5591 |
| London, City of | Local Improvement (1934), East Adelaide Street, etc. | 60,927.85 | A-5618 |
| (b) London, City of | Unemployment Relief (Repairs to dwellings, etc.) | 50,000.00 | A-5667 |
| London, City of | Local Improvements (Construction By-laws 9947 to 9979 incl.) | 60,927.85 | A-5618-a |
| London, City of | Local Improvements — Wharncliffe Road, etc. (Petition) | 2,774.54 | A-5698 |
| London, City of | Local Improvement (Petition) Curb and Gutter, Grey St. | 646.80 | A-5724 |
| London, City of | Local Improvement—Cement walk, East and West side Maitland St. | 440.00 | A-5730 |
| London, City of | Local Improvement — Curb and Gutter, North and South York St. | 788.02 | A-5750 |
| Lucknow, Village of | Cannington Street Bridge, etc. | 4,000.00 | A-5783 |
| London, City of | Unemployment Relief Works, Scarifying Streets, etc. | 62,934.95 | A-5785 |
| London, City of | Local Improvement (Petition) Curb and Gutter, N. Beaufort Street | 121.28 | A-5793 |
| London, City of | Local Improvement (Petition) Sidewalk, South Oxford Street | 481.80 | A-5797 |
| London, City of | Local Improvement (Petition) Tile Sewer, North Oxford St. | 1,366.27 | A-5807 |
| London, City of | Local Improvement (Petition) Curb and Gutter, W. Ontario St., etc. | 3,306.21 | A-5833 |
| London, City of | Local Improvement (Petition) Tile Sewer, Brydges St. | 4,856.93 | A-5844 |
| London, City of | Grade Separation, London and Port Stanley Railway | 175,685.00 | A-5853-a |
| London, City of | Works pursuant to agreement with Canadian National Railway | 230,000.00 | A-5853-b |
| Middlesex, County of | Highway Construction | 99,000.00 | A-5512 |
| Moore, Township of | "Dicer" Drain | 314.64 | A-5562-a |
| | "Coulter" Drain | 441.00 | A-5562-b |
| Markham, Township of | Fire Protection, etc., for Police Village of Unionville | 3,000.00 | A-5577 |
| Milton, Town of | Heating System in Public School | 2,500.00 | A-5585 |
| Merritton, Town of | High School Purposes (By-law 510) | 28,000.00 | A-5610 |

APPLICATIONS TO THE BOARD UNDER SECTION 89 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932" AS ENACTED BY SECTION 4, CHAPTER 51, ONTARIO STATUTES, 1935 — (APPROVAL OF UNDERTAKING OF CAPITAL EXPENDITURES) Con'd.

(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".
(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| McKillop, Township of | Kinburn Swamp Drain, (Township of Hallett), (By-law 5, 1935) | 21,216.00 | A-5567-a (1) |
| McKillop, Township of | Storey Municipal Drain (By-law 6, 1935) | 4,431.00 | A-5567-a (2) |
| McKillop, Township of | "Beauchamp" Drain | 1,078.00 | A-5674 |
| (b) McLean, Township of | Provincial Highway Construction (Unemployment Relief) | 500.00 | A-5808 |
| North Bay, City of | Floating Indebtedness | 50,000.00 | A-5847 |
| Orillia, Town of | Purchase of land for Public Utilities purposes | 6,000.00 | A-5439 |
| Owen Sound, City of | Ice Rink, etc. | 53,000.00 | A-5447 |
| (a) Ottawa, City of | Local Improvements — Elgin St. and Driveway (2) (Pavements) | 26,366.90 | A-5495 |
| (b) Ottawa, City of | Unemployment Relief (Direct) | 490,000.00 | A-5365 |
| Orford, Township of | Tile loan (property of Arthur Mills) | 100.00 | A-5516 |
| Ottawa, City of | Local Improvements — (Sewers, Hinton Ave., etc.) | 3,536.54 | A-5544 |
| Ottawa, City of | Local Improvement — Sidewalk, Elgin Street | 1,375.00 | A-5556 |
| Ottawa, City of | Waterworks Extension, (By-law 8071) | 40,000.00 | A-5552 |
| Ottawa, City of | Local Improvements — Sidewalks, Cumberland Street, etc. | 2,247.00 | A-5578 |
| (a) Ottawa, City of | Local Improvements — Pavement, Greenfield Ave., etc. | 17,032.80 | A-5603 |
| Oil Springs, Village of | Main Street Bridge | 4,000.00 | A-5612 |
| Oil Springs, Village of | Construction proposed highway in lieu of rebuilding Edmonds Street Bridge | 800.00 | A-5613 |
| Oxford, County of | Provincial Highway Construction | 46,000.00 | A-5620 |
| Ottawa, City of | Local Improvements (Petition) Hinton Ave. and Kent Street | 3,450.00 | A-5631 |
| (a) Ottawa, City of | Local Improvements — Sidewalks, Besserer and O'Meara Streets | 2,010.00 | A-5632 |
| (a) Ottawa, City of | Local Improvement — Pavement, King Edward Ave. | 59,594.10 | A-5633 |
| Ottawa, City of | Local Improvement — Sewer, Kenilworth Ave. | 1,374.00 | A-5650 |
| Ottawa, City of | Elgin Street Widening | 875,000.00 | A-5655 |
| Ottawa, City of | Local Improvements — Resurfacing Charlotte Street, etc. | 29,000.00 | A-5656 |
| Ottawa, City of | Local Improvement — Hamilton Avenue Sewer | 13,675.00 | A-5666 |
| (b) Ottawa, City of | Unemployment Relief Works (General) | 590,000.00 | A-5675-a |
| (b) Ottawa, City of | Unemployment Relief Works (Water Mains) | 30,000.00 | A-5675-b |
| Ottawa, City of | Waterworks purposes (Pipe line) | 160,000.00 | A-5708 |
| Ottawa, City of | Waterworks purposes (Watermains, etc.) | 50,000.00 | A-5709 |
| Ottawa, City of | Provincial Suburban Road Construction | 22,500.00 | A-5710 |
| Ottawa, City of | Additional cost re construction etc., Somerset Bridge | 13,000.00 | A-5711 |
| Owen Sound, City of | Remodelling of building for market | 8,500.00 | A-5712 |
| (a) Ottawa, City of | Local Improvements — Albert Street, etc. (Sidewalks) | 4,252.70 | A-5738 |

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| Ottawa, City of | Local Improvement (Petition) Sidewalk, Hinton Ave. | 1,650.00 | A-5739 |
| Orford, Township of | "Chambers" Drain | 1,345.00 | A-5751 |
| Orillia, Town of | Completion water power development works in Minden Township | 100,000.00 | A-5755 |
| Ottawa, City of | Local Improvements — Sidewalks, Carling Ave. and Cambridge St. | 1,545.00 | A-5759 |
| Ottawa, City of | Local Improvement — Sewer Cathcart Street | 752.00 | A-5760 |
| Ottawa, City of | Local Improvements — Sidewalks, Seneca St., etc. | 1,134.00 | A-5769 |
| Oakville, Town of | Water Works Extension (By-law 903) | 6,000.00 | A-5770 |
| (a) Ottawa, City of | Local Improvements | 6,075.00 | A-5774 |
| Ottawa, City of | Local Improvement — Sewer, Augusta Street | 900.00 | A-5787 |
| Ottawa, City of | Local Improvement (Petition) Sewer, Sussex St. | 765.42 | A-5801 |
| Preston, Town of | Grandview Continuation School | 27,600.00 | A-5449 |
| Port Arthur, City of (Board of Park Management) | Boys' Dressing Room at Swimming Pool, etc. | 6,000.00 | A-5468 |
| (b) Petrolia, Town of | Unemployment Relief Works | 2,500.00 | A-5470 |
| Port Arthur, City of | Unemployment Relief Works — Local Improvements — Pavements on Algoma and other streets | 55,343.00 | A-5473 |
| (b) Port Arthur, City of | Unemployment Relief Works—Cutting down Hill on River Rd., etc. | 37,000.00 | A-5474 |
| Port Stanley, Village of | Intake pipe re water supply | 20,000.00 | A-5502 |
| Port Arthur, City of | Loss on sale of debentures | 9,951.25 | A-5543 |
| (b) Port Arthur, City of | Unemployment Relief Works — (Canadian Lakehead Exhibition) | 5,250.00 | A-5564 |
| Peel, County of | Provincial Highway Construction | 50,335.00 | A-5586 |
| Port Arthur, City of | Local Improvements — Machar Street, etc. | 18,000.00 | A-5596 |
| Port Arthur, City of | Private Sewer Connection (1935) | 5,000.00 | A-5609 |
| Paris, Town of | Water Works Extension (Unemployment Relief) | 25,000.00 | A-5640 |
| Port Arthur, City of | Shortage arising out of Construction By-law 770 | 32,520.94)<br>47,886.40) | A-5654 & a |
| (a) Preston, Town of | Local Improvement — Concrete sidewalk, Guelph St. | 419.00 | A-5731 |
| Port Credit, Village of | Local Improvements — Widening Lake Shore Road (By-law 369) | 22,753.74 | A-5745 |
| (b) Petrolia, Town of | Unemployment Relief Work | 1,283.72 | A-5470-a |
| Paisley, Village of | Bridge Construction (Provincial Highway) | 6,000.00 | A-5813 |
| Port Arthur, City of | Sewers | 16,400.00 | A-5151-a |
| Ridgetown, Town of | Local Improvements | 4,000.00 | A-5485 |
| Ross, Town of | Addition to School, etc. S. S. No. 6 | 5,500.00 | A-5576 |
| St. Catharines, City of | Remodelling of City Hall, etc. | 42,500.00 | A-5441 |
| Schreiber, Township of | Electric Light Plant | 20,000.00 | A-5456 |
| (b) Sarnia, City of | Unemployment Relief Works (Local Improvements) | 14,058.17 | A-5399 & a |
| (b) Sarnia, City of | Unemployment Relief Works (Local Improvements) | 1,667.51 | A-5400 & a |
| (b) Sarnia, City of | Unemployment Relief Works (Local Improvements) | 5,032.19 | A-5401 & a |
| (b) Sarnia, City of | Direct Relief | 25,060.00 | A-5497 |
| Stephen, Township of | Village Hall, Police Village of Dashwood | 2,000.00 | A-5504 |
| St. Catharines, City of | Local Improvement | 246.00 | A-5513 |
| (b) Stratford, City of | Unemployment Relief — Building, Agricultural Grounds | 6,800.00 | A-5525 |

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(a) Also approved under Section 8 of "The Local Improvement Act" as re-enacted by Section 2 of "The Local Improvement Amendment Act, 1932".
(b) Also approved under Section 7 of "The Unemployment Relief Act, 1935".

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| Sarnia, City of | Unemployment Relief Works (Sewrs) | 3,872.82 | A-5425-b |
| (a) St. Catharines, City of | Local Improvement — Geneva Street pavement, etc. | 2,416.50 | A-5614 |
| Smiths Falls, Town of | Floating Indebtedness | 40,000.00 | A-5616 |
| Saltfleet, Township of | Local Improvement — Watermain | 2,500.00 | A-5642 |
| Saltfleet, Township of | Local Improvement — (Petition) Watermain | | A-5665 |
| St. Catharines, City of | Local Improvement — (Petition) Ontario St. S. and Ridgewood Rd. | 422.00 | A-5672 |
| Stratford, City of | Local Improvement — Gravel Road, William St. | 2,354.63 | A-5677-a |
| Stratford, City of | Local Improvement — Tar Macadam Road, Romeo St. | 3,127.58 | A-5677-b |
| South Monaghan, Township of | Expropriation of part System of Millbrook Rural Telephone Co. Ltd. | 1,300.00 | A-5659 |
| Stratford, City of | Local Improvement — Pavement on lane rear of Downie Street | 1,362.50 | A-5270 |
| St. Catharines, City of | Local Improvement — Sidewalk and Sewer Junkin Street | 264.00 | A-5732 |
| St. Catharines, City of | Additional cost of remodelling City Hall, etc. | 32,500.00 | A-5441-a |
| Stayner, Town of | Auxiliary Water Supply | 790.00 | A-5768 |
| Stratford, City of | Unemployment Relief Works | 50,000.00 | A-5784 |
| Stoney Creek, Village of | Fire Truck Chassis | 1,000.00 | A-5805 |
| Smiths Falls, Town of | Suburban Road Construction | 3,274.50 | A-5838 |
| (b) St. Catharines, City of | Direct Relief, 1935 | 60,000.00 | A-5839 |
| Toronto, City of | Unemployment Relief | 1,844,933.00 | A-5440 |
| Timmins, Town of | Public School Purposes | 30,000.00 | A-5467 |
| (b) Toronto, City of | Direct Relief | 2,058,000 | A-5471 |
| Toronto, City of | Unemployment Relief Works | 217,000.00 | A-5472 |
| Toronto, City of | Avenue Road Widening, etc. | 174,095.00 | A-5475 |
| Toronto, City of | Local Improvements — Orton, Violet and Baird Avenues | 22,578.00 | A-5488 |
| Thorah, Township of | Highway Purposes | 6,000.00 | A-5493 |
| Toronto, City of | Local Improvements — (Sewers) | 5,340.00 | A-5521 |
| Timmins, Town of | Local Improvements — (Pavements, Pine Street, etc.) | 50,400.00 | A-5524 |
| Toronto, City of | Local Improvements — (Concrete walks, Spadina Ave., etc.) | 1,700.00 | A-5528 |
| Toronto, City of | Electrical Distribution Plant, Exhibition Park | 114,587.00 | A-5531 |
| (b) Teck, Township of | Water and Sewer Extensions | 34,977.55 | A-5558-a |
| (b) Teck, Township of | Water Extension (Chaput-Hughes Townsite) | 5,000.00 | A-5558-b |
| Teck, Township of | Hospital Addition | 53,000.00 | A-5558-c |
| Teck, Township of | Local Improvement — Concrete Sidewalks | 17,573.08 | A-5558-d |
| Teck, Township of | Local Improvement — Widening Pavement, Government Road | 4,000.00 | A-5558-e |

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| Toronto, City of | Local Improvements — Croft Street, etc. | 11,899.00 | A-5563 |
| Toronto, City of | Local Improvement — Avenue Road, etc. | 82,801.00 | A-5579 |
| Trafalgar, Township of | Local Improvement (Petition) | 1,500.00 | A-5627 |
| Toronto, City of | Parks and Playgrounds | 18,000.00 | A-5629 |
| Timmins, Town of | Local Improvement — Cement Sidewalks | 51,280.74 | A-5663 |
| Toronto, City of | Sewer, Lane 1st North Whytock Ave. | 3,180.00 | A-5682-a |
| Toronto, City of | Pavement, Lane 1st North Whytock Ave. | 8,065.00 | A-5682-b |
| Toronto, City of | Improvement, Lane between Concord and Delaware Ave. | 550.00 | A-5682-c |
| Toronto, City of | Local Improvement (Petition) Avenue Road Sidewalk | 361.00 | A-5707 |
| Tillsonburg, Town of | Water Works Purposes | 48,000.00 | A-5723 |
| Toronto, City of | Local Improvement — Sidewalk, Hillingdon Ave. | 342.00 | A-5733 |
| Toronto, City of | Local Improvement — Water Main, Leeds Street | 868.00 | A-5766 |
| Tilbury, Township of East | Repair to "McKim" Drain | 1,723.00 | A-5773 |
| Thornbury, Town of | Repair, etc., to Hydro Electric Plant | 4,000.00 | A-5786 |
| Thornbury, Town of | Provincial Highway Construction | 3,000.00 | A-5786-a |
| Unionville, Police Village of | (See Markham, Township of). | | |
| Uxbridge, Town of | Skating Rink | 8,000.00 | A-5735 |
| Vankleek Hill, Town of | Local Improvement (Petition) Derby Ave. | 5,000.00 | A-5601 |
| Victoria, County of | Provincial Highway Construction (1934) | 24,000.00 | A-5747 |
| Wentworth, County of | Provincial Highway Construction | 38,232.59 | A-5501 |
| West Lorne, Village of | Drain on Highway No. 2 | 1,040.00 | A-5511 |
| Whitby, Town of | Sewer Extension | 200.00 | A-5511 |
| Winchester, Village of | Improvements to Fair Grounds | 2,500.00 | A-5532 |
| Waterloo, Town of | Local Improvement — Water Works Extension | 400.00 | A-5546 |
| Woodstock, City of | Unemployment Relief Works — Adelaide Street Pavement | 1,585.00 | A-5569 |
| Waterloo, Town of | Local Improvement — Branch Sewer Extension | 2,050.00 | A-5582 |
| Whitchurch, Township of | School, etc., S. S. No. 11 | 4,200.00 | A-5592 |
| Wheatley, Township of | Local Improvement — Sewer on Lake Street | 605.00 | A-5605 |
| Woodstock, City of | Local Improvement (Petition) York Street Pavement | 1,630.00 | A-5639 |
| Woodstock, City of | Local Impjrovement (Petition) Duke Street Curb, etc. | 650.00 | A-5681-a |
| Woodstock, City of | Local Improvement (Petition) Dundas Street Sidewalk | 613.25 | A-5681-b |
| Woodstock, City of | Resurfacing part Hounsfield and Norwich Ave. | 2,008.50 | A-5687 |
| Woodstock, City of | Local Improvement — North side E. Market Street and North side N. Market Street (Petition) | 250.00 | A-5714 |
| Woodstock, City of | Local Improvement — Norwich Ave. and Finkle St. | 467.00 | A-5722 |
| Wiarton, Town of | Improvements to Public Park Lands | 3,000.00 | A-5748 |
| Waterloo, Town of | Park Improvements | 3,000.00 | A-5788 |
| Westminster, Township of | Local Improvements | 5,511.00 | A-5799-a |
| Westminster, Township of | Public School Purposes (S. S. No. 22) | 2,000.00 | A-5799-b |
| Wingham, Town of | Wingham Arena | 7,000.00 | A-5842 |
| Zone, Municipality of | Repairs to Dankey Creek Drain | 735.00 | A-5812 |

# MISCELLANEOUS

## ANNEXATIONS

| Municlpality | Lands Annexed | Procedure File |
|---|---|---|
| Beaverton, Village of | Certain water lots, etc., Lake Simcoe | A-5621 |
| Humberstone, Village of | Part Township Humberstone | A-5836 |

## ARBITRATIONS

| | | |
|---|---|---|
| Carleton, County of, vs. Oscar Cyr | Re damage to lands in connection with widening of Cyrville Road — compensation for. | A-5664 |
| Gould, Alice K., vs. Hydro-Electric Power Commission | Conpensation re erection of transmission line across Lot 3, Concession 4, Township South Elmsley, Lanark County | A-5713 |

## ASSESSMENT APPEALS

| | Amount | Procedure File |
|---|---|---|
| Sovereign Realty Company Ltd. vs. City of Ottawa (Land and buildings) | $283,875.00 | A-5323 |
| Central Buildings, Ltd. vs. City of Port Arthur (Land and buildings) | 84,840.00 | A-5331 |
| City of Fort William vs James McCranor (Land and buildings) | 76,275.00 | A-5341 |
| City of Fort William vs W. J. Ross (Land and buildings) | 111,500.00 | A-5342 |
| City of Fort William vs Pacific Coal & Ore Dock Co., Ltd. (Land and buildings) | 245,750.00 | A-5343 |
| Elgin Realty Co. Ltd. vs City of Ottawa (Land and buildings) | 485,800.00 | A-5344 |
| Imperial Realty Co. Ltd. vs City of Ottawa (Land and buildings) | 872,495.00 | A-5345 |
| Famous Players Canadian Corporation Ltd. vs City of Ottawa (Land and buildings) | 213,900.00 | A-5346 |
| Famous Players Canadian Corporation Ltd. (Regent Theatre) vs City of Ottawa (Land ,buildings and business) | 221,156.00 | A-5346-a |
| Wellington Investments Ltd. vs City of Ottawa (Land and buildings) | 93,000.00 | A-5347 |
| Royal Trust Co. (R. J. Devlin Estate) vs. City of Ottawa (Land and buildings) | 257,600.00 | A-5348 |
| Rideau Realties, Ltd. vs. City of Ottawa (Land and buildings) | 169,600.00 | A-5349 |
| Hon. Arthur Charles Hardy vs. City of Ottawa (Land and buildings) | 126,800.00 | A-5350 |
| (Mrs.) Dorothy Hardy vs City of Ottawa (Land and buildings) | 52,850.00 | A-5351 |
| David Epstein vs City of Ottawa (Land and buildings) | 141,750.00 | A-5352 |
| Robert Patterson Hastey vs City of Ottawa (Land ad buildings) | 77,425.00 | A-5353 |
| Adolph Sherman vs City of Ottawa (Land and buildings) | 85,575.00 | A-5354 |
| Dominion Natural Gas Co. Ltd. vs Township of Pelham (Land and buildings) | 50,000.00 | A-5356 |
| H. C. Boultbee vs City of Toronto (Land and buildings) | 127,500.00 | A-5370 |
| Norwich Union Life Insurance Society vs City of Toronto (Land and buildings) | 280,625.00 | A-5371 |
| A. R. Morton & Co. vs City of Toronto (Land and buildings) | 63,000.00 | A-5373 |
| Robert M. Yoemans & Co. (for Bloor Corners Ltd.) vs. City of Toronto (Land and buildings) | 134,000.00 | A-5376 |
| Robert M. Yoemans & Co. (for Jessie M. Robins) vs City of Toronto (Land and buildings) | 44,034.00 | A-5380 |
| R. B. Rice & Sons (for Carrie E. George) vs City of Toronto (Land and buildings) | 194,854.00 | A-5382 |
| Molly R. Miller (by Solicitor, Meyer Rotstein) vs City of Toronto (Land) | 50,683.00 | A-5390 |
| Fort Frances Town vs. A. Tibbetts and Frank H. Keyes, of International Falls, Minn.) | 8,000.00 | A-5403 |
| Fort Frances, Town of, vs Oscar S. Englund | 18,400.00 | A-5404 |
| Ottawa Investment Co. Ltd. vs City of Ottawa (Land) | 436,325.00 | A-5412 |

## ASSESSMENT APPEALS — Continued

| | Amount | Procedure File |
|---|---|---|
| Metropolitan Stores, Ltd. vs City of Ottawa (Land, buildings and business) | 328,006.00 | A-5413 |
| Octave Pommerville vs City of Ottawa (Land and buildings) | 50,000.00 | A-5414 |
| Ontario Shore Gas Co. Ltd. vs City of Oshawa | 123,060.00 | A-5462 |
| City of Windsor et al. vs C. H. Smith Co. Ltd. (Business) | 114,130.00 | A-5623 |
| City of Windsor et al, vs The Prince Edward Hotel Co. Ltd. (Building) | 376,690.00 | A-5624 |
| City of Windsor et al. vs The Norton-Palmer Hotel Co. Ltd. (Building) | 308,480.00 | A-5625 |
| City of Windsor et al. vs. J. T. Wing Co. Ltd. (Business) | 74,290.00 | A-5626 |
| Collingwood Shipyards Ltd. vs. Town of Collingwood | 221,600.00 | A-5717 |
| Hancock, T. H. & Co. Ltd. vs. City of Toronto (Robert M. Yoemans & Co. Agent), (Land and buildings) | 122,297.00 | A-5753 |
| Interprovincial Trading Corporation Ltd. vs City of Toronto (Robert M. Yoemans & Co., Agent) (Land and buildings) | 70,845.00 | A-5754 |
| Wescott, W. J. vs City of Toronto (Land and buildings) | 55,384.00 | A-5763 |
| Patterson W. A. and C. J. vs City of Toronto (Land and buildings) | 42,646.00 | A-5843 |
| Ferguson, Robert, vs. City of Toronto (Land and buildings) | 76,309.00 | A-5845 |
| Ryan, James Beamont, Estate of, vs City of Toronto (Land and buildings) | 142,250.00 | A-5854 |

## BRIDGES, RELIEF FROM REBUILDING

(Section 469 (9) of "The Municipal Act") (Chapter 233, R.S.O. 1927).

| Municipality | Location | Procedure File |
|---|---|---|
| Oil Springs, Village of | Bridge on Edmonds Street | A-5611 |

## BY-LAWS

(Approved under Section 78 (c) of "The Ontario Municipal Board Act, 1932").

| Municipality | By-law No. | Purpose | Procedure File |
|---|---|---|---|
| Timmins, Town of | 464 | Rental for sewers constructed other than as Local Improvements | A-5740 |

## CEMETERIES — Incorporation of additional land in.

(Sections 43 and 44, Chapter 317, R.S.O. 1927.)

| | | |
|---|---|---|
| Caistorville United Church, Board of Trustees of | Vesting in, ot unused road allowance in Township of Caistorville — to become part of Caistorville United Church Cemetery. (Sec. 44) | A-5743 |

## DEFAULTING MUNICIPALITIES

(Part VI, Chapter 27, Ontario Statutes, 1932,)

| | |
|---|---|
| Weston, Town of | A-5358 |
| North York, Township of | A-5359 |
| New Toronto, Town of | A-5363 |
| Thorold, Town of | A-5454 |
| Kingsville, Town ot | A-5460 |
| Calvert, Township of | A-5509 |
| Leaside, Town of | A-5526 |
| Leamington, Town of | A-5533 |
| Etobicoke, Township of | A-5557 |
| Blind River, Town of | A-5798 |

## DETACHMENT OF FARM LANDS FROM TOWN OR VILLAGE

(Section 21 of "The Municipal Act", Chapter 233, R.S.O. 1927.)

| Municipality | | Procedure File |
|---|---|---|
| Aylmer, Town of | Petition Edna Morse et al. — Detachment of certain lands in Town of Aylmer and annexation of same to Township of Malahide | A-5728 |
| Humberstone, Village of | Application by Council for changing of boundaries between Village and Township of Humberstone | A-5836 |

## FLOATING INDEBTEDNESS

(Authority to Municipalities to Issue Debentures to Pay — Under Section 78 (d) of Part V. of Chapter 27, Ontario Statutes, 1932).

| Municipaliy | By-law No. | Amount | Procedure File |
|---|---|---|---|
| Cardiff, Township of | 804 | $ 3,860.00 | A-5328 |
| Delaware, Township of | 1055 | 10,000.00 | A-5369 |
| Smiths Falls, Town of | 2128 | 40,000.00 | A-5616 |
| North Bay, City of | 1219 | 50,000.00 | A-5847 |

## "FEDERAL DISTRICT COMMISSION ACT, 1934"

| | | |
|---|---|---|
| Eastview, Town of | Conveyance to Federal District Commission of certain lands | A-5551 |

## FIRE HALLS, FIRE ENGINES, ETC.

("The Municipal Amendment Act, 1931", Chapter 50, sec. 27.)

| Municipality | Purpose | Amount | Procedure File |
|---|---|---|---|
| Stoney Creek, Village of | Fire truck chassis | $1,000.00 | A-5805 |
| York, Township of | Approval of By-law No. 11469 — Establishment of Fire Department | | A-5809 |

## "THE (MUNICIPAL) FRANCHISES ACT"

(Section 4, Chapter 240, R.S.O. 1927)

(Also Sec. 8 (3) as enacted by sec. 2, Chap. 39, O.S. 1933)

| | | |
|---|---|---|
| Union Gas Company of Canada | Certificate of public convenience and necessity re extension of pipe line to City of London | A-5643 |

## HIGHWAYS (NARROW)

(Section 490 (2) of "The Municipal Act")

| Municipality | By-law No. | Purpose | Procedure File |
|---|---|---|---|
| West Lorne, Village of | | Opening of certain street | A-5503 |
| Hamilton, City of | 4720 | Extension Bowman St. from Royal St. to Willowdale Avenue. (60') | A-5570 |

## HIGHWAYS, DEPARTMENT OF (ONTARIO) CLAIMS AGAINST

| Claimant | Property | Procedure File |
|---|---|---|
| Wilson, W. A. | Lot 2, Con. 11, Township Trafalgar, County Halton | A-5362 |
| Harper, W. R. | Part Lots 9 to 14 inclusive, Township Nelson, County Halton | A-5385 |
| Bethune, Geo. H. | Part Lot 7, Con. 1, Township of Glanford, and Part Lot 14, Con. VIII, Township Barton | A-5409 |
| Shain, Leander C. | South-west ½ of Lot 3, Con. 11, South of Dundas Street, Township Trafalgar, County Halton | A-5432 |
| Chisholm, James and McQueston, T. B. | Part Lot 8, Con. 1, Township East Flamboro, County Wentworth (re widening of Highway No. 2) | A-5457 |
| Lucas, James | Lot 307, Township Etobicoke, County York | A-5647 |
| Bowes, Vincent, et al | Part Lot 21, Con. 111, Township Bathurst, County Lanark | A-5776 |
| Conlon, Peter | Part Lot 23, Con. III, Township Bathursa, County Lanark | A-5777 |
| Cuthbertson, Herbert | Part Lot 24, Con. 111, Township Bathurst, County Lanark | A-5778 |
| Bennett, William | Part Lots 1 and 2, West ½, Lot 3, Con. 111, Township Bathurst, County Lanark | A-5779 |
| Peters, R. M. | Part East ½ Lot 3, Con. 111, Township Bathurst, County Lanark | A-5780 |

## HIGHWAYS, (COUNTY)

Abandonment of Part of — (Section 457 of "The Municipal Act")

| Municipality | By-law No. | Location | Procedure File |
|---|---|---|---|
| Wellington, County of | 1442 | Part County Highway No. 75, Township Nichol | A-5840 |

## INCREASED BORROWINGS BY MUNICIPALITIES

(Section 334 of "The Municipal Act" as re-enacted by Section 10, Chapter 37, Ontario Statutes, 1933.)

| Municipality | Amount | Procedure File |
|---|---|---|
| Lennox & Addington, County of | 100% | A-5411 |
| North Monaghan, Township of | $ 9,959.00 | A-5427 |
| Lincoln, County of | 100% | A-5522 |
| Fort Frances, Town of | 354,200.00 | A-5559 |
| Belleville, City of | 100% | A-5583 |
| Wellington, County of | 280,000.00 | A-5684 |
| Capreol, Town of | 90% | A-5700 |
| Halton, County of | 100% | A-5736 |
| Belle River, Village of | 90% | A-5742 |
| Port Arthur, City of | 90% | A-5746 |
| Stamford, Township of | 100% | A-5789 |
| Bowmanville, Town of | 100% | A-5790 & a |
| Guelph, City of | 82½% | A-5814 |
| Lanark, County of | 10,150.00 | A-5818 |
| Preston, Town of | 11,000.00 | A-5819 |
| North Bay, City of | 100% | A-5661 |
| Kenora, Town of | 90% | A-5828 |

## CHANGE IN RATE OF INTEREST ON DEBENTURES

(Approval of under Section 300 of "The Municipal Act").

### INTEREST DECREASE

| Municipality | Dementure By-law No. | Purpose | Amending By-law | Rate | Amount | Procedure File |
|---|---|---|---|---|---|---|
| Brockville, Town of, | 1844 | Establishment of Garbage Disposal System ............... | 1855 | 4½% to 4% | $12,500. | A-5327 |
| Kingston, City of .... | 49 (1934) | Renovations to Queen's University (Unemployment Relief) ............. | 14 (1934) | 4½% to 3% | $40,000. | A-5436 |

## LANES — ASSESSMENT OF PROPERTIES FOR OPENING OF —

Approval of Municipal By-laws for, under s.s. (3) of section 27a of "The Local Improvement Act" as enacted by section 2, Chapter 26, O.S. 1933.

| Municipality | By-law No. | Location | Procedure File |
|---|---|---|---|
| Toronto, City of ............. | 14288 | Opening of lane between Dearbourne and Danforth Avenues westerly from Bowden Street | A-5417 |
| Toronto, City of ... | 14384 | Paving lanes first east of Christie Street and north of Melita Avenue .............................. .. | A-5725 |
| Toronto, City of ........... | 14387 | Improvement of lane between Concord and Delaware Avenue ............................................ | A-5726 |
| Toronto, City of ........... | 14389 | Paving of lane first east of St. Clair Gardens .... | A-5727 |

## LEGISLATION (SPECIAL)

| Municipality | | Procedure File |
|---|---|---|
| Sarnia, City of ................................... | Approval passing of By-law — $141.31 for Local Improvement — Russell St. Sidewalk | A-5398 |
| Sarnia, City of ....................... .......... | Approval passing of By-law — $14,058.17 for Local Improvement — Storm Sewers on Brock Street, etc. ............................................ | A-5399 |
| Sarnia, City of ................................... | Approval passing of By-law — $1,667.51 — Storm Sewer on College Avenue .................. | A-5400 |
| Sarnia, City of ................................... | Approval passing By-law — $5,032.19 Curb and Gutter on Devine Street from Proctor to Russell Street .......................................... | A-5401 |
| Sarnia, City of ................................... | Approval passing of By-law — $3,872.82 (Unemployment Relief Works) — Storm Sewers, Napier and Exmouth Streets ........................ | A-5425 |
| Forest Hill, Village of ..................... | Approval purchase of certain lands in "Industrial Section" at South-west corner of Bathurst Street and Roselawn Avenue .......... | A-5428 |
| Toronto, City of ........................ | Approval Unemployment Relief Works — debenture issue $217,000.00 .............................. | A-5472 |
| York, Township of ..................... | Approval of By-law 11446 ,amending Building Restriction By-law 11154 (Cedarville District) ............................................................ | A-5541 |
| Windsor Finance Commission | Division of assets of Walkerville-East Windsor Commission between former municipalities of Walkerville and East Windsor ................. | A-5604 |
| York, Township of ...................... | Approval of Building Restriction By-law 11456 (part of Bathurst Street) ................................ | A-5670 |
| York, County of ........................ | Approval of By-law 1816—appointing "County Commissioners for County of York" ........... | A-5706 |

## LICENSE FEE

(Section 411 (9) of "The Municipal Act", Chapter 233, R.S.O. 1927,)

| Municipality | Purpose | Procedure File |
|---|---|---|
| Ottawa, City of | Annual fee of .50c per bicycle for use of any bicycle on any highway in said City | A-5332 |
| Toronto, City of | Annual fee of .50c per bicycle for use of any bicycle on any highway of said City, under its By-law 12051 | A-5335 |
| Toronto, City of | Annual fee of .50c per bicycle for use of any bicycle on any highway of said City, under its by-law 14319 (By-law 12051 repealed) | A-5335-a |
| North Bay, City of | Annual fee of .25c per bicycle for use of any bicycle on any highway of said City, under its By-law 1202 | A-5530 |
| London, City of | Annual fee of .50c per bicycle for use of any bicycle on any highway of said City, under its By-law L-9-22 | A-5702 |

## LOCAL IMPROVEMENTS

Approval of Undertaking of, under section 8 of "The Local Improvement Act" as re-enacted by section 2 of "The Local Improvement Amendment Act, 1932".

| Municipality | Date of Notice of Intention | Works | Procedure File |
|---|---|---|---|
| Owen Sound, City of | Feb. 9, 1935 | Pavement Seventh Street East, etc. | A-5391 |
| Brantford, City of | Jan. 23, 1935 | Storm Sewers on Church Street, etc. | A-5392 |
| Toronto, City of | Mar. 15, 1935 | 5' Sidewalk North Side Keewatin Ave. (Yonge Street to Mount Pleasant Road) | A-5424 |
| Chatham, City of | Mar. 20, 1935 | Watermain and Sanitary Sewer on Harvey Street West | A-5445 |
| Alvinston, Village of | Apr. 3, 1935 | Sidewalks on River and other streets | A-5458 |
| Ottawa, City of | May 11, 1935 | Asphalt Pavement Elgin Street and Driveway (2) | A-5495 |
| Peterborough, City of | June 15, 1935 | Pavement on Louis Street | A-5529 |
| Peterborough, City of | Aug. 8, 1935 | Sidewalk on Aylmer Street | A-5646 |
| Smiths Falls, Town of | Aug. 21, 1935 | Sidewalks Helen, Thomas and Beckwith Streets | A-5696 |

## LOCAL IMPROVEMENTS — PART ONLY OF WORK

(Section 18 of "The Local Improvement Act", Chap. 235, R.S.O. 1927.)

| Municipality | Amending By-law No. | Original By-law No. | Procedure File |
|---|---|---|---|
| Toronto, City of | 14257 | 14136 | A-5383 |
| Toronto, City of | 14258 | 14106 | A-5383 |
| Cornwall, Township of | 1306 | 1271 | A-5375-a |
| Port Credit, Village of | 363 | 256 & 259 | A-5442 |
| Brantford, City of | | 2459 | A-5448 |
| Toronto, City of | 14451 | 14375 | A-5846 |

## LOCAL IMPROVEMENTS — APPORTIONMENT OF COST OF

(Sec. 26 (3) of "The Local Improvement Act", Chap. 235, R.S.O. 1927.)

| Municipality | By-law No. | Purpose | Procedure File |
|---|---|---|---|
| Forest Hill, Village of | 968 | Spadina Road widening | A-5648-a |

## "THE ONTARIO MUNICIPAL BOARD ACT, 1932"

(Chapter 27)

Glengrove Lands Ltd. vs City of Toronto — Application for Order directing City of Toronto to pass By-law amending Restricted Area By-law 12958 to permit erection of Collegiate Institute on Glengrove Avenue .......... A-5366

York, Township of — Application by Thomas Walmsley for rescinding of Board's Order of June 29th, 1931, approving Township's By-law 10869 (widening of Vaghan Road), (sec. 50) .......... A-3485

## PARKS — SETTING ASIDE PART OF FOR ATHLETIC PURPOSES

(Section 12 of "The Public Parks Act", Chapter 248, R.S.O. 1927)

| Municipality | Property Affected | Procedure File |
|---|---|---|
| Windsor, City of | "Jackson Park" | A-5598 |
| Waterloo, Town of | "Waterloo Park" ($3,000.00) | A-5788 |
| Port Dover, Village of | Building for athletic purposes | A-5795 |

## *RESTRICTED AREAS*

(Section 398 of 'The Municipal Act")

| Municipality | By-law No. | Area Restricted | Procedure File |
|---|---|---|---|
| Toronto, City of | 14317 | Spadina Road — between Heath Street and Montclair Avenue | A-5461 |
| St. Thomas, City of | 3108 | Inkerman Street — between Edward St. and Nolan St. | A-5514 |
| North York, Township of | 2126 | Registered Plan 1505 | A-5590 |
| Ottawa, City of | 8104 | Part Elmsdale Ward | A-5668 |
| Ottawa, City of | 8105 | Part St. George's Ward | A-5668-a |
| Nepean, Township of | 937 | Police Village of Westboro | A-5673 |
| York, Township of | 11456 | Lot 207 and part Lots 204-5-6 (Plan M. 367) | A-5692 |
| Winchester, Village of | 555 | Part St. Lawrence Street | A-5695 |
| Forest Hill, Village of | 841 | Location of Lumber Yards | A-5835 |
| Rockcliffe Park, Village of | 188 | (Area described in By-law) Corona Ave., etc. | A-5865 |

## REPEAL OR AMENDMENT OF RESTRICTED AREAS

(Section 398 (2b) of "The Municipal Act")

| Municipality | Amending By-law No. | Original By-law No. | Area Affected | Procedure File |
|---|---|---|---|---|
| Kitchener, City of | 2457 | 1823 amended by 1834-5 | Residential Districts on Queen St. North and Margaret St. | A-5364 |
| Toronto, Ctiy of | | 12958 | Erection of Collegiate Institute on Glengrove Avenue | A-5366 |
| Toronto, City of | 14174 | 11796 | 278 Crawford Street | A-5379 |
| Forest Hill, Village of | 892 | 730 amended by 734 | East 50' of Lot 196, Plan M.25 | A-5397 |
| Toronto, City of | 14281 | 11953 cancelled by 12155 | 397 Brunswick Avenue | A-5407 |
| Toronto, City of | 14289 | 11986 | 544 Palmerston Avenue | A-5418 |
| Toronto, City of | 14290 | 12958 | Lot 25, Plan M.290, North side Glenview Avenue | A-5419 |

## REPEAL OR AMENDMENT OF RESTRICTED AREAS — Continued

| Municipality | Amending By-law No. | Original By-law No. | Area Affected | Procedure File |
|---|---|---|---|---|
| Forest Hill, Village of .... | 895 | 818 & 844 | Certain lands on Hurling Avenue, Wembley Road, Park Ave. and Whitmore Avenue .......................... | A-5420 |
| Forest Hill, Village of .... | 899 | 179 | Fixing building restrictions — Dunloe Road and Kilbarry Road ........ | A-5421 |
| Toronto, City of ............ | 14291 | 12447 (amended) | Lot 9 and Part of Lot 10, Plan M.496—North side Whitehall Ave. | A-5422 |
| Forest Hill, Village of .... | 898 | 73 | Area covered by By-law 73 (Bulk of buildings) .................................. | A-5423 |
| Forest Hill, Village of .... | 907 | 112 | Area west of Bathursa Street ............ | A-5428-a |
| Toronto, City of ............ | 14322 | 12958 | Area between Lawrence Ave. and Cheritan Ave. west of Chatsworth Drive, for school and playground purposes ........................................ | A-5480 |
| Forest Hill, Village of .... | 904 | 730 as amended by 734 | Certain Lots, south side Briar Hill Avenue ............................................ | A-5437 |
| Toronto, City of ............ | 14342 | 12958 | South side Castlefield Ave. west of Tugwell ...... ...................................... | A-5537 |
| Toronto, City of ............ | 14343 | 11572 | South side Lawrence Ave. East ........ | A-5538 |
| Toronto, City of ............ | 14345 | 12604 | Land east side Oriole Parkway north of Kilbarry Road .......................... | A-5539 |
| Toronto, City of ............ | 14346 | 12958 | No. 20 Hillhurst Blvd. ...................... | A-5540 |
| Toronto, City of ............ | 14364 | 12621 | No. 304 St. Clair Ave West .............. | A-5549 |
| Toronto, City of ............ | 14365 | 12958 | Corner Roselawn and Tugwell Avenues .................................................. | A-5594 |
| Forest Hill, Village of .... | 931 | 730 | Frontage of Lots, part of S. Clements Avenue .. ... ...................... | A-5630 |
| Windsor, City of ............ | 7 | 3928 (of old city) | Rear of Lots on Ouellette St. ............ | A-5638 |
| Forest Hill, Village of .... | 936 | 285 (amended) | Bathurst Street from Rosemary Lane to Dearbourne Ave. .............. | A-5688 |
| Forest Hill, Village of .... | 944 | 285 (amended) | Plan 2350 ............................................ | A-5689 |
| Forest Hill, Village of .... | 955 | 703 | Lot 31, Plan 824, Kilbarry Road, closer to street building line ........ | A-5757 |
| York, Township of ........ | 11471 | 11154 | Lots 58, 59 & 60, Plan M.367, Raglan Avenue ................................ | A-5764 |
| Toronto, City of ............ | 14406 | 14346 amending 12958 | 20 Hillhurst Blvd. ............................... | A-5540-a |
| Kitchener, City of ........ | 2490 | 1823, 1834, 1835 | Addition to sec. "E" use of dwellings for two families ............................... | A-5772 |
| Toronto, City of ............ | 14426 | 11796 | Crawford Street — Dundas Street to College Street ............................. | A-5775 |
| Toronto, City of ............ | 14392 | 10058 amended by 14347 | Lot 5, Plan 968, East side Avenue Road ...................... ........................ | A-5782 |
| Forest Hill, Village of .... | 967 | 285 | Corner properties on Bathursa Street | A-5834 |
| Toronto, City of ............ | 14212 | 11796 | No. 345 Crawford St. ......................... | A-5857 |

## SINKING FUNDS

(Approval of Investment of, under Section 317 of "The Municipal Act")

| Municipality | Sinking Fund Invest'nt By-law | Deb'ture By-law | Purpose | Amount | Procedure File |
|---|---|---|---|---|---|
| Belleville, City of ............. | | 3182 | Unemployment Relief . ... | $ 51,500.00 | A-5312-a |
| Guelph, City of ................. | | | Sewage disposal — Relief Works and Direct Relief | 232,500.00 | A-5486 |
| Grey, County of ................ | 1220 | 1156 | Highway purposes ............ | 25,000.00 | A-5683-a |
| Stratford, City of ............. | | 3595 | Unemployment Relief W'ks | 6,800.00 | A-5525-b |
| Stratford, City of ............ | | 3598-9 | Local Improvements ......... | 5,482.21 | A-5677-d |
| Schreiber, Municipality of | | 179 | Electric Light Plant .. ... . | 3,000.00 | A-5456-b |
| St. Catharines, City of ...... | | | Direct Relief, 1935 ..... .. .... | 60,000.00 | A-5839-a |

## TAX RATE

(Section 306 (2) of "The Municipal Act")

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Orillia, Town of | 1257 | Power Development | $385,000.00 | A-5325 |
| Almonte, Town of | 860 | Purchase of water power, etc. from Penman's Ltd. | 6,000.00 | A-5306-b |
| Brantford, City of | 2478 | Local Improvements and Unemployment Relief Works | 24,365.00 | A-5339-a |
| Brantford, City of | 2479 | Local Improvements and Unemployment Relief Works | 91,999.00 | A-5340-a |
| Milton, City of | 668 | Water Works extensions, etc. | 8,000.00 | A-5408 |
| St. Thomas, City of | 3066 | Incinerator | 17,000.00 | A-5410 |
| St. Thomas, City of | | Gymnasium | 6,000.00 | A-5410-a |
| Merritton, Town of | 510 | High School purposes | 28,000.00 | A-5610-a |
| Brantford, City of | 2496-7 | Unemployment Relief Measures | 155,000.00 | A-5515-e |
| Timmins, Town of | | Local Improvements (Hemlock Street, etc.) | 51,280.74 | A-5663-a |
| Brantford, City of | 2515 | Local Improvements, Unemployment Relief | 71,501.28 | A-5851-a |

## TOWNSHIPS — SEPARATION OF JUNIOR FROM UNION OF —

Sec. 30 (2) of "The Municipal Act" (Chapter 233, R.S.O. 1927).

| | Procedure File |
|---|---|
| Neelon, Township of — Petition E. Charette et al. — from Townships of Neelon and Garson | A-5608 |

## "THE UNEMPLOYMENT RELIEF ACT (ONTARIO) 1935" (WORKS)

| Municipality | By-law No. | Purpose | Amount | Procedure File |
|---|---|---|---|---|
| Sarnia, City of | | Local Improvements | $ 14,058.17 | A-5399-a |
| Sarnia, City of | | Local Improvements | 1,667.51 | A-5400-a |
| Sarnia, City of | | Local Improvements | 5,032.19 | A-5401-a |
| Kingston, City of | | Local Improvements | 19,981.85 | A-5389 |
| Sarnia, City of | | Storm Sewers | 3,872.82 | A-5425-a |
| Kitchener, City of | | Local Improvements | 8,895.59 | A-5426-a |
| Kitchener, City of | | Local Improvements | 12,867.56 | A-5426-b |
| Kitchener, City of | | Local Improvements | 13,139.23 | A-5426-c |
| Fort William, City of | 3412 | Local Improvements | 54,907.61 | A-5455 |
| Toronto, City of | | Unemployment Relief Works | 402,505.00 | A-5455 |
| Brantford, City of | 2460 | Unemployment Relief Works | 171,817.00) | A-5450 |
| Brantford, City of | 2488 | Unemployment Relief Works | 61,921,00) | |
| Toronto, City of | | Unemployment Relief Works | 217,000.00 | A-5472 |
| Port Arthur, City of | | Local Improvements | 55,343.00 | A-5473 |
| Stratford, City of | | Buildings upon Agricultural Grounds | 6,800.00 | A-5525 |

## "THE UNEMPLOYMENT RELIEF ACT (ONTARIO) 1935" (DIRECT RELIEF)

| Municipality | Amount | Procedure File |
|---|---|---|
| Ottawa, City of | $ 490,000.00 | A-5365 |
| Woodstock, City of | 17,845.68 | A-5372 |
| Kingston, City of | 56,037.45 | A-5389 |
| Welland, City of | 31,769.21 | A-5394 |
| Toronto, City of | 1,442,428.00 | A-5440 |
| Toronto, City of | 2,058,000.00 | A-5471 |
| Sarnia, City of | 25,060.00 | A-5497 |

## "THE CITY OF WINDSOR ALMAGAMATION ACT, 1935"

| | Procedure File |
|---|---|
| WINDSOR, Finance Commission of City of — | |
| By-law approving budget and fixing tax rate for 1935. (By-law 4202) (Estimates) | A-5476 |
| Application for Order re first Municipal Elections | A-5481 |
| Appointment of Officers and Officials | A-5547 |
| By-law No. 1 — re-enacting all By-laws of former Municipalities | A-5602 |
| Dissolving of Windsor Vocational School Board and vesting of ownership of said School in the Board of Education of the new City of Windsor | A-5547-a |
| Division of assets between former municipalities of Walkerville and East Windsor | A-5604 |
| Appointment of Committee to represent Extra-Urban Municipalities interested in indebtedness of former Essex Border Utilities Commission | A-5744 |
| Variation in estimates of 1935 (4 items) re-opening of Comfort Station, etc. | A-5756 |
| Authority to make separate business assessment in 1936, et seq. | A-5831 |
| Authority to use excess tax collections on hand for completion of Fall term of Public Schools in former Winsor area | A-5832 |

## WORKS ORDERED BY THE BOARD OF RAILWAY COMMISSIONERS FOR CANADA AND THE ONTARIO MUNICIPAL BOARD.

(Section 297 (2) (f) of "The Municipal Act" asenacted by section 18, Chapter 50, Ontario Statutes, 1931.)

| Municipality | Purpose | Procedure File |
|---|---|---|
| Port Arthur, City of | Approval of By-law providing for C.P.R. Subway at Sheep Range Crossing | A-5686 |

## LIST OF APPLICATIONS RESPECTING PROVINCIAL RAILWAYS DURING 1935.

| | Procedure File | Plan |
|---|---|---|
| Canadian National Railways — Erection of proposed Shelter at Beardmore Ontario (unsurveyed territory) Thunder Bay District — Mile 20.35 — Dorion Subdivision | A-5361 | |
| Canadian National Electric Railways — Release, dated September 14, 1935, from British Empire Trust Company — respecting Trust Deed from Toronto Suburban Railway — deposited. (Procedure Book No. 2) | 1011 | |
| Etobicoke, Township of — vs Toronto Transportation Commission — Re: additional fare east of Roncesvalles Avenue to passengers boarding cars west of that point | A-5800 | |
| Hamilton Street Railway Company — Amendment to Board's Order of June 28, 1928 (P.F. 1712) permitting charge of 5c fare for an indefinite period | A-5330 | |
| Hydro-Electric Power Commission of Ontario — Ditto | A-5330 | |
| London Street Railway Company — Threatened Strike of Employees | A-5560 | |
| Temiskaming & Northern Ontario Railway Commission — Operation and maintenance of Spur track in Town of Haileybury | A-5584 | |
| Toronto Transportation Commission: | | |
| Approval of operation of certain type of One-Man Car. (Drawing C. 3376) | A-4603 | |
| Approval of Plan of proposed realignment of tracks on King Street West, at Wilson Avenue. (Drawing R. 6. 326) | A-5508 | 633 |
| Approval of Plan of proposed reconstruction of tracks — St. Clair Avenue, Bathurst Street, Yonge Street | A-5535 | 634-635 |
| Approva lof Plan of proposed diversion of track on Weston Road, north of St. Clair Avenue | A-5597 | 636 |

## LIST OF APPLICATIONS RESPECTING PROVINCIAL RAILWAYS DURING 1935 — Continued

| | Procedure File | Plan |
|---|---|---|
| Approval of plan for rehabilitation of tracks, Avenue Road from Edmund Avenue to St. Clair Avenue | A-5628 | 637 |
| Approval of plan of proposed special track work on Dundas Street west of Howard Park Avenue | A-5693 | 638 |
| Township of Etobicoke vs. — re additional fare on cars east of Roncesvalles Ave. to passengers boarding cars west of that point | A-5800 | |
| Approval of Plan of proposed track for Roncesvallel Loop for Lake Shore Road route | A-5816 | 639 |
| Approval of Plan or rearrangement of special track work for Coxwell Avenue, Danforth Loop | A-5817 | 640 |

## MORTGAGES AND DISCHARGES

(Sec. 47, Chapter 224, R.S.O. 1927)

| | |
|---|---|
| Canadian National Electric Railways — Release respecting Trust Deed from Toronto Suburban Railway Company to The British Empire Trust Company — deposited. (Procedure Book No. 2) | 1011 |

## PLANS OF LAND SUDIVISIONS

Approved by the Board under "The Planning and Development Act", "The Land Titles Act" and "The Registry Act".

| Owner | Description | Procedure File |
|---|---|---|
| Brubacher, Jacob G. | Part Lot 98, Plan of Subdivision of Lot 2, German Company Tract, City of Kitchener, County of Waterloo | A-5523 |
| Beardmore Leathers Ltd. | Plan of sudbivision of part of Registered Plan 124, Village of Acton | A-5662 |
| Brayley ,Estate of Ellen | Lots 2, 3, 4 and par 5 (W. B. Green's Survey — unregistred), being part of Lot 9, Con. IV, Township of Barton, County of Wentworth (now in City of Hamilton) | A-5719 |
| Cooney, William E. | "Spring Lake Townsite" — being subdivision of part Mining Claims T.B. 11963, 15178, 16798, 17899, near Jellico Station, District of Thunder Bay. ("The Land Titles Act" and "The Planning and Development Act") | A-5431 |
| Dillabough, Sam | "Dillabough Townsite" — part Mining Claim T.B. 4880, near Beardmore Station, District of Thunder Bay. ("The Land Titles Act" and "The Planning and Development Act" | A-5617 |
| Dunford, Hilliard | Part of front of Lot 41, Con. XIII, Township of Smith, County of Peterborough (Registry Act) | A-5761 |
| Desrochers, Philip, et al. | Part Lot 14, Con. XVIII, Township of Tiny, County of Simcoe | A-5767 |
| Everden Investments, Ltd | Reg. Plan 2511 York — part og Whitmore Ave., Village of Forest Hill | A-5821 |
| Geraldon Lands Ltd. | Plan — Surface rights on Mining Claims T.B. 10731 and 10732, Thunder Bay District (Townsite) | A-5393 |
| Gould, Mrs. Elizabeth Alice | Division part Lot 19, Con. 1, Township of Etobicoke | A-5644 |
| Gooderham, Sir Albert E., Estate of | Part Lot 32, Reg. Plan 433, Toronto | A-5852 |
| Hoover, Abram | "Erie Cove" — Part Lot 10, Con. 1, Township of Rainhaim, County of Haldimand. (Registry Act) | A-5680 |

## PLANS OF LAND SUBDIVISIONS — Continued

| Owner | Description | Procedure File |
|---|---|---|
| Levy, Judah et al. | Broken Lot 27, Con. VIII, Oro Township, Simcoe County (Amendment to Reg. Plan 606, Simcoe County). ("The Registry Act") | A-5395 |
| Lovegrove, W. J. & Co., Ltd. | Lot 317, Plan M-438, Village of Swansea, County of York. (Also "The Land Titles Act") | A-5752 |
| Mann, Allan B. | Part Lot 17, Con. IX, Township Smith, County of Peterborough | A-5478 |
| McMahon, Frank | See "Levy, Judah". | |
| McCallum, Malcolm H. | Part Lot 27, Con. X, Township of Fenelon, County of Victoria | A-5587 |
| Rodger, James | Part Lot 3, Con. XI, Township of Durham, County of Oxford | A-5573 |
| Richard, Albert et al. | S.W. ¼ of N. ½, Lot 12, Con. 11, Guibord Township. (Mining Claim L-27215) | A-5718 |
| Roche, M. J. | Surface rights of part Mining Claims M.R. 6451 and M.R. 6321, Township of Cairo, District of Temiskaming. (Extension of present Townsite of Matacheman) | A-5729 |
| Urlocker, Charles | Part of Lots 10 and 11, Con. X, Township of Grantham (now in Town of Merritton) and part road allowance between said lots | A-5322 |
| Watson, W. H., et al | Part of Lot 27, Con. IX, Township of Flos, County of Simcoe, with amendments to Reg. Plan 648 | A-5678 |

## LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

| | | Procedure File |
|---|---|---|
| Alice & Fraser, Township of | Approval By-law 8 (1935) use of certain highways to Forestry Branch of Dept. of Lands & Forests | A-5553 |
| Bethesda & Stouffville Telephone Co., Ltd. vs. Home Telephone Co., Ltd. | Violation of Board's Order of October 4th, 1932, etc. | A-5329 |
| Bell Telephone Co. of Canada, Ltd. | Approval of purchases from by Dawn Municipal Telephone System of certain telephone plant and equipment | A-5377 |
| Bruce Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5378 |
| Blyth Municipal Telephone System | Approval of free service to Secretary-Treasurer | A-5406 |
| Bell Telephone Co. of Canada, Ltd. | Approval of purchase of certain telephone plant and equipment from by Township of Chinguacousy | A-5451 |
| Cumberland Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5333 |
| Conmee Telephone System — Geo. Sovereign et al. | Approval of agreement for interchange of service with O'Connor Municipal Telephone System | A-5360 |
| Chinguacousy Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5429 |
| Chinguacousy Municipal Telephone System | Authority to collect fee for re-installation of telephones when taken out for non-payment of charges, etc. | A-5430 |

## LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

Continued

| | | Procedure File |
|---|---|---|
| Chinguacousy, Township of | Authority to purchase certain telephone plant and equipment from The Bell Telephone Company of Canada, Ltd. | A-5451 |
| Canadian Pacific Railway Co. & Manitoulin & North Shore Telephone & Telegraph Co. | Approval of agreement for interchange of service | A-5741 |
| Dawn Municipal Telephone System | Approval of purchase of certain plant and equipment from Bell Telephone Co. of Canada ,Ltd. | A-5377 |
| Dysart Municipal Telephone System | Approval of agreement for interchange of service with Glamorgan Municipal Telephone System | A-5676 |
| Faraday MBunicipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5384 |
| Forestry Branch | See "Lands & Forests" | |
| Glamorgan Municipal Telephone System | Approval of agreement for interchange of service with United Townships of Dysart et al. (Dysart Municipal Telephone System) | A-5676 |
| Home Telephone Company, Ltd. vs. Bethesda & Stouffville Telephone Co. Ltd. | Violation of Board's Order of October 4th, 1932 | A-5329 |
| Houghton & South Walsingham Telephone Co. Ltd. | Approval of agreement vesting the control and management of system of in the Southern Ontario Telephone C., Ltd. | A-5355 |
| Howick Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5386 |
| Humphrey Municipal Telephone System | Approval of By-law No. 542 — debenture issue to meet cost of construction, etc., of | A-5396 |
| Howick Municipal Telephone System | Approval of By-laws governing operation and management of the system | A-5453 |
| Ingersoll Telephone Company, Ltd. | Approval of By-law No. 8 reducing number of Directors from 8 to 7, etc. | A-5416 |
| Ingersoll Telephone Company, Ltd. | Approval of expenditure of portion of depreciation fund to retire certain notes, proceeds of which were applied to cost of certain extensions, etc., to applicant's property | A-5435 |
| Lands & Forests (Forestry Branch) of Ontario | Approval of By-law 8 (1935) of Townships of Alice & Fraser — use of certain highways to | A-5553 |
| Lands & Forests (Forestry Branch) of Ontario | Approval of By-law 80 of Township of Stafford — use of certain highways to | A-5554 |
| Laird Municipal Telephone System | Approval of increased charges for service | A-5781 |
| Manitoulin Island Rural Telephone Co. | Approval of amendment to Board's Order of Nov. 8, 1917 — changing 5% of value of plant to be set aside as depreciation reserve to 2½% | A-5507 |
| Metcalfe Rural Telephone Co., Ltd. | Authority to invest a portion of moneys set aside as a reserve for depreciation in purchase of Dominion Government Bonds | A-5649 |
| Manitoulin & North Shore Telephone & Telegraph Co. Ltd. and Canadian Pacific Railway Co. | Approval of Agreement for interchange of service | A-5741 |

## LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

Continued

| | | Procedure File |
|---|---|---|
| Northern Telephone Company, Ltd. | Authority to expend a portion of its Depreciation Reserve Fund on new construction, extensions and additions to its plant and equipment | A-5402 |
| Northern Telephone Company, Ltd. vs. Temiskaming & Northern Ontario Railway Commission | Complaint re agreement with Canadian Pacific Railway contrary to Letters Patent | A-5433 |
| Northcote Farmers Telephone Co.. | Approval of agreement for interchange of service with the Rankin Telephone Co. | A-5859 |
| O'Connor Municipal Telephone System | Approval of agreement for interchange of service with George Sovereign et al ("The Conmee Telephone System") | A-5360 |
| Rankin Telephone Company | Approval of agreement for interchange of service with the Northcote Farmers Telephone Company | A-5859 |
| Southern Ontario Telephone Company, Ltd. | Approval of agreement vesting control of system of the Houghton & South Walsingham Telephone Co., Ltd., in | A-5355 |
| Sovereign, Geo. et al (The Conmee Telephone System) | Approval of agreement for interchange of service with O'Connor Municipal Telephone System | A-5360 |
| Stanhope Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5374 |
| South Crosby Telephone Co., Ltd. | Approval of By-law No. 1 re date of Annual General Meeting of Shareholders, etc. | A-5387 |
| St. Joseph, Township of | Approval of debenture by-law No. 504 establishment of telephone system under Part II of "The Telephone Act" | A-5405 |
| Southern Ontario Telephone Company, Ltd. | Investment of portion of depreciation reserve fund in Canadian National Railway bonds | A-5466 |
| Stafford, Township of | Approval of By-law No. 81 — use of certain highways to Forestry Branch of Department of Lands & Forests | A-5554 |
| Schomberg Telephone Co., Ltd. | Investment of portion of depreciation reserve fund in Dominion of Canada Bonds | A-5555 |
| St. Joseph, Township of | Approval of By-law No. 518 — establishment of a telephone system | A-5581 |
| South Monaghan, Township of | Approval of expropriation of part of system of Millbrook Rural Telephone C., Ltd. | A-5659 |
| St. Joseph Municipal Telephone System | Approval of Agreement with Gawas & Shore Rd. Telephone Co., Ltd. — Transfer of System | A-5660 |
| Southern Ontario Telephone Company, Ltd. | Approval of investment of portion of Depreciation Reserve Fund in Hydro Electric Power Commission Bonds | A-5811 |
| Tay Municipal Telephone System | Approval of date for holding Annual Meeting of subscribers | A-5415 |
| Temiskaming & Northern Ontario Railway Commission vs. The Northern Telephone Co., Ltd. | Complaint re agreement with Canadian Pacific Railway Company — contrary to Letters Patent | A-5433 |
| Woodford Telephone Company, Ltd. | Approval of By-laws re control and management of | A-5357 |

## LIST OF APPLICATIONS TO THE BOARD UNDER "THE TELEPHONE ACT"

Continued

|  |  | Procedure File |
|---|---|---|
| Worthington, Township of | Date for holding Annual Meeting of subscribers to its Municipal Telephone System | A-5381 |
| Woodbridge & Vaughan Telephone Company, Ltd. | Approval of expenditure of a portion of Depreciation Fund on new construction and extensions | A-5444 |
| Welland County Telephone Co., Limitel | Approval By-laws Nos. 1-6 inclusive | A-5484 |

## LIST OF BELL TELEPHONE AGREEMENTS APPROVED BY THE BOARD UNDER SECTION 97 OF 'THE TELEPHONE ACT"

| EXCHANGE AND TOLL LINE AGREEMENTS. | Procedure File |
|---|---|
| Chinguacousy Municipal Telephone System | A-5815 |
| Davis, Leslie (See "Rankin Telephone Company). |  |
| Lands & Forests, Dept. of (Ontario) — Algonkuin Provincial Park Telephone System | A-5701 |
| Mattawa Electric Light and Power Company, Ltd. | A-5498 |
| Parkhill-Arkona Telephones Limited | A-5658 |
| Rankin Telephone Company | A-5830 |

| SERVICE STATION AGREEMENTS. |  |
|---|---|
| Parkhill-Arkona Telephones Limited | A-5658 |

## TARIFF OF FEES

### TARIFF OF FEES PAYABLE IN CASH OR LAW STAMPS UNDER SECTIONS 160 AND 161 OF "THE ONTARIO MUNICIPAL BOARD ACT, 1932".

For copy of any Document, 10 cents for each 100 words and 50 cents for each Certificate.

For copy of any map or plan, applicants are to pay draughtsmen's and engineer's fees for same and 50 cents for each Certificate.

In contentious matters, including arbitrations or references to the Board under Public General Acts of Ontario, requiring a Hearing, there shall be paid in Law Stamps the sum of $15.00 for each day or fraction thereof over one half-day, and the sum of $10.00 for each half-day or less occupied by or in connection with the Hearing, and $1.00 on each original subpœna.

In all other arbitrations or references requiring a Hearing there shall be paid in Law Stamps the sum of $50.00 for each day or fraction thereof over one half-day, and the sum of $25.00 for each half-day or less occupied by or in connection with the Hearing, and $1.00 on each original subpœna.

### IN CASES IN WHICH THERE IS NO OPPOSING PARTY

1. Applications by Municipalities for approval of undertaking of capital expenditures under Section 89 of "The Ontario Municipal Board Act" as amended in 1935:

|  |  |  |  |  |
|---|---|---|---|---|
| Where proposed expenditure does not exceed |  |  | $ 5,000.00 | $ 5.00 |
| Over | $ 5,000.00 | and up to | $ 10,000.00 | 10.00 |
| " | 10,000.00 | " | 15,000.00 | 15.00 |
| " | 15,000.00 | " | 20,000.00 | 20.00 |
| " | 20,000.00 | " | 25,000.00 | 25.00 |
| " | 25,000.00 | " | 30,000.00 | 30.00 |
| " | 30,000.00 | " | 35,000.00 | 35.00 |
| " | 35,000.00 | ' | 40,000.00 | 40.00 |
| " | 40,000.00 | " | 50,000.00 | 45.00 |
| " | 50,000.00 | " | 75,000.00 | 50.00 |
| " | 75,000.00 | " | 100,000.00 | 75.00 |
| " | 100,000.00 | " | 125,000.00 | 85.00 |
| " | 125,000.00 | " | 150,000.00 | 95.00 |
| " | 150,000.00 | " | 200,000.00 | 100.00 |
| " | 200,000.00 | " | 500,000.00 | 175.00 |
| " | 500,000.00 | such sum as the Board may order or direct. |  |  |

(Drainage purposes — see paragraph 8.)

## TARIFF OF FEES — Continued

2. Where the assent of the Electors is dispensed with by Order of the Board, or where the Board holds a Public Hearing, upon all applications under Section 89 a fee of $15.00 may, on direction of the Board, be added to the above.

3. In cases of capital expenditure, where monies are provided for direct relief costs of the Municipality, the Board's fee on applications up to $25,000.00 will be ........ $ 5.00
and on application over $25,000.00 will be ........ 10.00

4. Where approval of debentures is required under Section 89 for debentures to provide monies for capital expenditures already ordered by the Board's Order approving the Construction By-law, no additional fee should be required.

5. Where the Board is required to certify the validity of debentures under Section 83 of "The Ontario Municipal Board Act", the following fees shall be paid:

On order under Part V of "The Ontario Municipal Board Act", validating a By-law and Debentures, the following sums shall be paid in Law Stamps:

(These fees shall be payable on each group of four By-laws (grouped by serial numbers) consolidated under "The Local Improvement Act".)

| | | | | |
|---|---|---|---|---|
| Where proposed expenditure does not exceed | | | $ 5,000.00 | $ 7.50 |
| Over | $ 5,000.00 | and up to | 10,000.00 | 10.00 |
| " | 10,000.00 | " | 15,000.00 | 15.00 |
| " | 15,000.00 | " | 25,000.00 | 20.00 |
| " | 25,000.00 | " | 50,000.00 | 25.00 |
| " | 50,000.00 | " | 100,000.00 | 30.00 |
| " | 100,000.00 | " | 125,000.00 | 35.00 |
| " | 125,000.00 | " | 150,000.00 | 40.00 |
| " | 150,000.00 | " | 200,000.00 | 45.00 |
| " | 200,000.00 | " | 500,000.00 | 50.00 |
| " | 500,000.00 | such sum as the Board shall order or direct. | | |

6. Applications under Section 8 of "The Local Improvement Act" as enacted in 1932 (Chap. 30, section 2):

The Board's fee on all applications for approval of Local Improvement By-laws under the above section where public hearing is held will be $15.00 for one by-law and $5.00 additional if approval of more than one by-law is sought.

7. Assessment Appeals:

The party appealing to the Board under Section 83 of "The Assessment Act" shall pay $15.00 upon each appointment for a Hearing.

8. Drainage By-laws:

| | | | | |
|---|---|---|---|---|
| Where proposed expenditure does not exceed | | | $ 1,000.00 | $ 1.00 |
| Over | $1,000.00 | and up to | 2,000.00 | 2.00 |
| " | 2,000.00 | " | 3,000.00 | 3.00 |
| " | 3,000.00 | " | 5,000.00 | 5.00 |
| " | 5,000.00 | " | 10,000.00 | 10.00 |

| | |
|---|---|
| Approval of By-law for work ordered by Dominion or Ontario Railway Board — Section 297 (2) (f) of "The Municipal Act" | $10.00 |
| Approval of By-law authorizing expenditure for fire hall, fire engines, etc. — Section 27 of "The Municipal Amendment Act, 1931" (Chapter 50) | 10.00 |
| Approval of By-law for extension of Waterworks or Electric Light or Gasworks, etc. — Section 399 (2) of "The Municipal Act" | 10.00 |
| Approval of By-law under Special Legislation | 10.00 |
| Approval of Increased Borrowings By Municipal Councils, Section 334 of "The Municipal Act", as re-enacted by Section 10, Chapter 37, Ontario Statutes, 1933 | 10.00 |
| Approval of a plan under "The Railway Act" | 5.00 |
| Approval of Railway Fenders | 5.00 |
| Extension of time to pass a By-law—Section 288 (5) of "The Municipal Act" | 5.00 |
| Extension of Debenture Issue period—Section 296 (11) and (12) of "The Municipal Act" | 5.00 |
| Approval of Bridge Construction By-law—Section 297 (2) (e) of "The Municipal Act" | 5.00 |
| Approval of By-law changing the rate of interest on debentures—Section 300 of "The Municipal Act" | 5.00 |
| Repeal of By-law as to amount not required—Section 301 (2) of "The Municipal Act" | 5.00 |

## TARIFF OF FEES — Continued

| | |
|---|---|
| Approval of further debt and levies where tax rate too high—Section 306 (2) of "The Municipal Act" | 5.00 |
| Approval of Sinking Fund Investment By-law—Section 317 of "The Municipal Act" | 5.00 |
| Approval of Municipal Fuel By-law—Section 397 (38) of "The Municipal Act" | 5.00 |
| Approval of laying out a highway less than sixty-six feet in width—Section 490 of "The Municipal Act" | 5.00 |
| Approval of By-law abandoning part of local improvement work—Section 18 of "The Local Improvement Act" | 5.00 |
| Approval of By-law apportioning cost of local improvement work—Section 26 (3) of "The Local Improvement Act" | 5.00 |
| Approval of By-law authorizinz license fee—Section 411 (9) of "The Municipal Act" | 5.00 |
| Approval of plan of land subdivision | 5.00 |
| Approval of Railway Company's Public By-laws and Rules | 2.00 |
| Approval of Railway Company's Tolls and Tariffs | 2.00 |
| Approval of Railway Company's Examiner of Motormen | 1.00 |

On Orders not included in the above list, such sums as the Board may order or direct.

## TARIFF OF FEES PAYABLE IN LAW STAMPS IN PROCEEDINGS UNDER "THE TELEPHONE ACT"

ON ORDER:

| | |
|---|---|
| Authorizing the passing of a By-law extending the period for repayment of debentures to cover the cost of telephone system established pursuant to Section 19, beyond ten years; under Section 26 | $10.00 |
| Authorizing the extension of a telephone system established pursuant to Section 19, into unorganized townships; under Section 18 | 5.00 |
| Approving a Municipal By-law, providing for the establishment or extension of telephoneè system; under Section 19 | 10.00 |
| Extending the period within which Debenture By-law to cover cost of establishing a telephone system pursuant to Section 19 may be passed; under Section 25 | 10.00 |
| Authorizing a Municipal Council to pass a By-law for reconstruction, etc.; under Sec. 27 | 5.00 |
| Authorizinz a Municipal Council to pass a By-law for the issue of debentures for furnishing service to persons not being assessed landowners; under Section 28 | 10.00 |
| Authorizinz the passing of a By-law providing for the issue of new debentures to provide for the payment of a portion of the principal of the original debentures falling due in any year; under Section 30 | 10.00 |
| Approving the purchase of telephone system; under Sections 31 and 103 | 5.00 |
| Approving the appointment of Commissioner by Municipal Council; under Section 52 | 5.00 |
| Prescribing date for holding Annual Meeting of Subscribers; under Section 59 | 5.00 |
| Consenting to duplication of pole lead on highway; under Section 59 | 5.00 |
| Approving Connecting Agreement with The Bell Telephone Company of Canada, Ltd.; under Section 97 | 5.00 |
| Authorizing a Company to extend a portion of its Depreciation Reserve in new construction, etc.; under Section 110 | 5.00 |
| Authorizing a Company to issue additional stock or bonds; under Section 111 | 10.00 |
| Authorizing the removal of signatures from a petition, praying for the establishment of a telephone system pursuant to Section 19; under Section 12 | 5.00 |
| Granting the use of highways in unorganized townships; under Section 84 | 2.00 |
| Approving the By-laws of a telephone company; under Section 88 | 2.00 |
| Approving Connecting Agreement between telephone systems within the jurisdiction of Ontario; under Section 97 | 2.00 |
| Approving regulations to prevent the misuse of system by subscribers; under Section 112 | 2.00 |
| Approving Municipal By-law granting the use of highway; under Section 80 | 1.00 |

On any Order not included in the above list such sums as the Board may order or direct.

In contentious matters requiring a Hearing, $15.00 for each day or fraction thereof occupied in connection with the Hearing, and $1.00 on each original subpœna.

Where inquiry is made by the Board's expert, $10.00 for each day or fraction thereof occupied in connection with such inquiry.

For copy of any Document, 10 cents for each 100 words, and 50 cents for each Certificate.

## THE FOLLOWING GIVES A BRIEF SUMMARY OF THE EXTENSIONS AND IMPROVEMENTS MADE TO THE RAILWAYS UNDER PROVINCIAL JURISDICTION DURING THE YEAR 1935.

### Cornwall Street Railway, Light and Power Company, Limited

During the year January 1st, 1935, to December 31st, 1935, this Company report that they have made no additions to main track, but have constructed approximately half a mile of siding for McColl-Frontenac Co. their portion of cost being $1,644.01.

During the same period the Company also reports a total expenditure on track improvements, overhead structure, rolling stock, buildings, machinery, etc., of $32,912.84.

### Fort William Electric Railway

It is reported that during the year ending December 31st, 1935, this Company did not make any extensions to track.

The Company also reports during the same period a total expenditure on track improvements, overhead structure, rolling stock, buildings, etc., of $7,768.27.

### Guelph Radial Railway

During the year ending December 31st, 1935, it is reported that no expenditure was made on track extensions.

They also report no exependiture upon track improvements, overhead structure, rolling stock, etc.

### Hamilton Street Railway

During the year ending December 31st, 1935, it is reported that no extensions were made to track.

It is also reported that during the same period there was no expenditure on track improvements, overhead structure, rolling stock, buildings, etc.

### Huntsville and Lake of Bays Railway Company

This Company report that during the year ending December 31st, 1935, they did not make any extensions to track.

They however, report an expenditure of $344.56 on track improvements, overhead structure, rolling stock, buildings, machinery, etc., the railway being operated only during the summer months.

……

### International Transit Company

During the year ending December 31st, 1935, this Company report that they did not make any extension to track.

They also report that during the same year they expended on track improvements, overhead structure, rolling stock, buildings, machinery, etc., $159.17.

### Kitchener and Waterloo and Bridgeport Railways

It is reported that during the year December 31st, 1934, to December 31st, 1935, no extension was made to track.

During the same period it is reported that no expenditure was made on track improvements, rolling stock, etc.

### London Street Railway Company

This Company report that during the year ending 31st December, 1935, they did not make any track extensions.

They report however, that during the same period a total expenditure was made on busses and bus equipment of $16,831.37.

### Midland-Simcoe Railway

During the year ending December 31st, 1935, it is reported that no extension was made to track.

### Mount McKay and Kakabeka Falls Railway Company

This railway Company did not make any extensions to track during the year ending 31st December, 1935.

It is also reported that during the same period they did not make any expenditure on track improvements, overhead structure, buildings, etc.

### Niagara Peninsular Railway Company

During the year ending 31st December, 1935, it is reported that this railway Company did not make any extension to track.

It is however, reported that during the same period an expenditure was made on track improvements, overhead structure, rolling stock, buildings, etc., of $4,082.96.

### NORTH YONGE RAILWAYS

The Toronto Tarnsportation Commission, fwhich operated the above railway, reports that during the year ending December 31st, 1935, it did not make any extensions to track.

It is also reported that during the same period it did not make any expenditure on track improvements, overhead structure, rolling stock, etc.

### PORT ARTHUR CIVIC RAILWAY

During the year ending December 31st, 1935, it is reported that this railway did not make any extension to track.

It is reported, however, that during the same period and expenditure was made on track improvements, overhead structure, rolling stock, buildings, etc., of $25,502.08.

### SANDWICH, WINDSOR AND AMHERSTBURG RAILWAY COMPANY

During the year ending December 31st, 1935, it is reported that this Company did not make any extensions to track.

It is also reported that during the same period its expenditure on track improvements was $24,247.34.

### SUDBURY-COPPER CLIFF SUBURBAN ELECTRIC RAILWAY

It is reported by this Company that during the year ending December 31st, 1935, no extension was made to track.

It is also reported during the same period that the Company did not make any expenditure on track improvements, overhead structure, rolling stock, etc.

### TEMISKAMING AND NORTHERN ONTARIO RAILWAY

It is reported by the Temiksaming and Northern Ontario Railway Commission that during the year December 31st, 1934, to December 31st, 1935, they dit not make any extensions to the track of the Temiskaming and Northern Ontario Railway.

The Commission also reports that during the same period a total expenditure was made on track improvements, rolling stock, etc., of $25,050.49.

### THURLOW RAILWAY

During the year ending December 31st, 1935, it is reported that this Company did not make any extensions to track.

It is also reported that during the same period a total expenditure was made on track improvements, overhead structure, rolling stock, buildings, etc., of $4,023.05.

### TILLSON SPUR LINE RAILWAY COMPANY

It is reported that during the year ending 31st December, 1935, this Company did not make any extension to track.

During the same period it is reported that the Company did not make any expenditure on track improvements, overhead structure, buildings, etc.

### TORONTO TRANSPORTATION COMMISSION

The Commission report that during the year December 31st 1934, to December 31st, 1935, they made no extensions to tracks.

It is also reported that during the same period they made an expenditure on track improvements, overhead structure, rolling stock, machinery, ec., of $333,204.14.

### TOWNSHIP OF YORK AND WESTON RAILWAYS

It is reported by this Company that during the year ending December 31st, 1935, no extensions were made to track.

During the same period it is also reported that no expenditure was made on track improvements, overhead structure, rolling stock, machinery, etc.

### WENTWORTH INCLINE RAILWAY COMPANY

It is reported by this Company that during the year ending December 31st, 1935, no extensions were made to track.

During the same period it is also reported that no expenditure was made on track improvements, overhead structure, rolling stock, machinery, etc.

## TABULATED SUMMARY OF ACCIDENTS REPORTS RECEIVED IN 1935.

| Passengers | | Employees | | Travellers on Highways | | Travellers at Crossings | | Trespassers | | Total | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured | Killed | Injured |
| -------- | 871 | ------ | 20 | 17 | 147 | -------- | -------- | -------- | -------- | 17 | 1038 |

## ELECTRIC, STEAM AND INCLINE RAILWAYS UNDER PROVINCIAL JURISDICTION, YEAR ENDING 31st DECEMBER, 1935

| No. | Name of Railway | Length of road first main track | Length of road second main track | Total main track | Length of sidings and turnouts | Total computed as single track | Length under construction | No. Power Houses | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Cornwall St. Railway Light & Power Co. Ltd. | 5.50 | -------- | 5.50 | 3.50 | 9.00 | ------ | ---- | 1 | Power purchased from St. Lawrence Power Co. |
| 2 | Fort William Electric Railway | 4.935 | 19.695 | 24.630 | .800 | 25.430 | ------ | ---- | ---- | Power purchased from Hydro Electric Power Commission of Ontario & Supplied to Canadian National Railway. |
| 3 | Guelph Radial Railway | 6.412 | -------- | 6.412 | 2.094 | 8.506 | ------ | ---- | ---- | Power purchased from Guelph Board of Light and Heat Commission. |
| 4 | Hamilton St. Railway | 18.00 | 16.3 | 34.3 | -------- | 34.3 | ------ | ---- | ---- | Power purchased from Hamilton Hydro Electric System. |
| 5 | Huntsville & Lake of Bays Railway | 1.45 | -------- | 1.45 | .31 | 1.76 | ------ | ---- | ---- | |
| 6 | International Transit Co. | 3.80 | 1.17 | 4.97 | .09 | 5.06 | ------ | ---- | ---- | Power purchased from the Great-Lakes Power Co. Ltd. |
| 7 | Kitchener-Waterloo & Bridgeport Railway | 6.55 | 2.86 | 9.41 | .94 | 10.35 | ------ | ---- | ---- | Power purchased from The Public Utilities Commission, Kitchener. |
| 8 | London St. Railway | 15.81 | 7.03 | 22.87 | .96 | 23.83 | ------ | ---- | ---- | Power purchased from The Hydro Electric Power Commission of Ontario. |
| 9 | Midland-Simcoe Railway | 1.00 | -------- | 1.00 | 4.00 | 5.00 | ------ | ---- | ---- | |
| 10 | Mont McKay & Kakabeka Falls Railway | 5. | -------- | 5. | 1.50 | 6.50 | ------ | ---- | ---- | Leased to and operated by the City of Fort William. |
| 11 | Niagara Peninsular Railway | 3.325 | -------- | 3.325 | 2.115 | 5.44 | ------ | ---- | ---- | |
| 12 | Port Arthur Civic Railway | 13.43 | 6.0 | 19.53 | 1.04 | 20.57 | ------ | ---- | ---- | Power purchased from Electric Light & Power Department. Public Utilities Commission. Port Arthur. |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 13 | Sandwich, Windsor & Amherstbury Railway Co. | 18.286 | 12.729 | 61.015 | 5.516 | 66.531 | ------ | ---- | ---- | Power purchased from Hydro Electric Power Commission of Ontario |
| 14 | Sudbury-Copper Cliff Suburban Electric Railway | 7.9 | -------- | 7.9 | .30 | 8.2 | ------ | ---- | ---- | Power purchased from Hydro Electric Power Commission of Ontario. |
| 15 | Temiskaming and Northern Ontario Railway | 514.69 | -------- | 514.69 | 142.27 | 656.96 | ------ | 1 | 1 (oil) | 1 Steam Power house at North Bay and one oil at Moosonee. Power purchased from Hydro Electric Power Commission of Ontario, Northern Ontario Power Co. Ltd. Public Utilities Commission, Town of Cochrane and Abitibi Power & Paper Co. Ltd. |
| 16 | Thurlow Railway Co. | 2.671 | -------- | 2.671 | 4.666 | 7.337 | ------ | ---- | ---- | Power purchased from Canada Cement Co |
| 17 | Tillson Spur Line Railway | 1.010 | -------- | 1.010 | .51 | 1.061 | ------ | ---- | ---- | All rolling stock owned & operated by Canadien National Railway. |
| 18 | Toronto Transportation Commission | 116.163 | 103.092 | 219.255 | 30.419 | 249.674 | ------ | ---- | ---- | Power purchased from Toronto Hydro Electric System & Supplied to Tp. of York and Weston Railways. |
| 19 | Township of York & Weston Ry. | 8.063 | 6.002 | 14.065 | .148 | 14.213 | ------ | ---- | ---- | Power purchased from Toronto Transportation Commission. |
| 20 | North Yonge Railway | 10.247 | -------- | 10.247 | 1.301 | 11.548 | ------ | ---- | ---- | Power purchased from North Yonge Hydro Electric Commission. |
| 21 | Wentworth Incline Railway | .14 | .14 | .28 | -------- | .28 | ------ | ---- | 1 | Power purchased from Hamilton Hydro Electric System. |

## TORONTO, 1935

Summary by Months of all Accidents on lines of the Toronto Transportation Commission from January 1st. to December 31st. 1935.

| | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collisions with Cars | 2 | 2 | 1 | 1 | Nil | Nil | 1 | 1 | Nil | Nil | Nil | Nil | 8 |
| Collisions with Autos | 320 | 474 | 191 | 189 | 232 | 193 | 192 | 185 | 211 | 225 | 255 | 383 | 3050 |
| Collisions with Motorcycles and Bicycles | 6 | 7 | 3 | 8 | 8 | 8 | 12 | 4 | 13 | 3 | 5 | 6 | 83 |
| Collisions with Wagons | 12 | 4 | 7 | 4 | 8 | 2 | 4 | 1 | 5 | 6 | 3 | 11 | 67 |
| Boarding Cars | 10 | 15 | 12 | 15 | 12 | 8 | 6 | 7 | 4 | 12 | 7 | 6 | 114 |
| Alighting from Cars | 34 | 64 | 15 | 13 | 18 | 10 | 18 | 15 | 16 | 16 | 19 | 22 | 260 |
| Falling within Cars | 25 | 46 | 27 | 25 | 36 | 30 | 24 | 22 | 15 | 22 | 30 | 25 | 327 |
| Derailment of Cars | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | 1 | Nil | 1 |
| Miscellaneous | 61 | 117 | 57 | 52 | 62 | 50 | 56 | 44 | 47 | 32 | 35 | 57 | 670 |
| Total all Accidents | 470 | 729 | 313 | 307 | 376 | 301 | 313 | 279 | 311 | 316 | 355 | 510 | 4580 |
| Personal Injuries all Degrees: | | | | | | | | | | | | | |
| To Passengers | 67 | 113 | 51 | 52 | 62 | 49 | 52 | 56 | 39 | 52 | 61 | 67 | 721 |
| To Others | 12 | 26 | 8 | 13 | 16 | 10 | 11 | 12 | 7 | 11 | 27 | 23 | 176 |
| Total | 79 | 139 | 59 | 65 | 78 | 59 | 63 | 68 | 46 | 63 | 88 | 90 | 897 |
| Fatal Accidents: | | | | | | | | | | | | | |
| To Passengers | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| To Others | 1 | Nil | 3 | Nil | 1 | Nil | 1 | 3 | Nil | Nil | 3 | Nil | 12 |
| Total | 1 | Nil | 3 | Nil | 1 | Nil | 1 | 3 | Nil | Nil | 3 | Nil | 12 |

## HAMILTON, 1935

Summary by Months of all Accidents on the Hamilton Street Railway from January 1st to December 31st, 1935.

| | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collisions with Cars | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Collisions with Autos | 35 | 42 | 45 | 31 | 39 | 26 | 13 | 30 | 29 | 34 | 38 | 57 | 419 |
| Collisions with Motorcycles and Bicycles | Nil | Nil | 1 | Nil | 2 | 1 | Nil | Nil | Nil | 1 | Nil | 1 | 6 |
| Collisions with Wagons | Nil | 3 | 1 | Nil | 2 | 1 | 1 | 1 | Nil | 1 | Nil | 2 | 12 |
| Boarding Cars | 1 | 2 | 1 | Nil | 1 | 1 | Nil | 1 | Nil | Nil | Nil | 1 | 8 |
| Alighting from Cars | Nil | 1 | 1 | 2 | 1 | Nil | Nil | 1 | 1 | Nil | 1 | 2 | 10 |
| Derailment of Cars | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Miscellaneous | Nil | Nil | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 11 |
| Total, all Accidents | 36 | 48 | 50 | 34 | 46 | 30 | 15 | 34 | 31 | 37 | 41 | 64 | 466 |
| Personal Injuries all Degrees: | | | | | | | | | | | | | |
| To Passengers | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 4 | 23 |
| To Others | Nil | Nil | 3 | 2 | 1 | 1 | Nil | 1 | Nil | 2 | 1 | Nil | 11 |
| Total | 1 | 2 | 5 | 4 | 3 | 3 | 1 | 3 | 2 | 3 | 3 | 4 | 34 |
| Fatal Inuries: | | | | | | | | | | | | | |
| To Passengers | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| To Others | Nil | Nil | Nil | Nil | Nil | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 1 |
| Total | Nil | Nil | Nil | Nil | Nil | 1 | Nil | Nil | Nil | Nil | Nil | Nil | 1 |

## LONDON, 1935

Summary by Months of all Accidents on the London Street Railway, from January 1st to December 31st, 1935.

| | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Collisions with Cars | Nil | Nil | Nil | Nil | Nil | 2 | Nil | Nil | 1 | Nil | Nil | Nil | 3 |
| Collisions with Autos | 42 | 37 | 18 | 14 | 6 | 18 | 16 | 18 | 9 | 18 | 17 | 52 | 265 |
| Collisions with Motorcycles and Bicycles | Nil | Nil | 2 | Nil | 1 | 2 | Nil | 1 | Nil | Nil | Nil | Nil | 6 |
| Collisions with Wagons | 1 | Nil | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Nil | Nil | 1 | 9 |
| Boarding Cars | 2 | 2 | 1 | 2 | 1 | 1 | Nil | 2 | 3 | 2 | 2 | 2 | 20 |
| Alighting from Cars | 4 | 3 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 24 |
| **Derailment of Cars** | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Miscellaneous | 1 | 2 | 1 | 5 | 3 | 5 | 1 | 7 | 3 | 4 | 3 | 5 | 40 |
| Total all Accidents | 50 | 44 | 28 | 24 | 13 | 30 | 19 | 30 | 18 | 26 | 23 | 62 | 367 |
| Personal Injuries, all Degrees: | | | | | | | | | | | | | |
| To Passengers | 5 | 6 | 7 | 5 | 3 | 5 | 1 | 7 | 5 | 5 | 6 | 4 | 59 |
| To Others | Nil | 2 | 1 | 5 | 1 | 4 | 1 | 2 | 1 | 2 | 3 | 4 | 26 |
| Total | 5 | 8 | 8 | 10 | 4 | 9 | 2 | 9 | 6 | 7 | 9 | 8 | 85 |
| Fatal Accidents: | | | | | | | | | | | | | |
| To Passengers | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| To Others | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Total | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

## INDEX TO RAILWAY LEGISLATION

The following Index has been made with the object of continuing in chronological order all the legislation passed by the Dominion and Provincial Governments since 1867, affecting railways situated wholly or partially within the Province of Ontario.

"List No. 2" was commenced on page 272 of our Ninth Annual Report (1914), and is continued on page 172 of our Twenty-fifth Annual Report (1930), on page 165 of our Twenty-sixth Annual Report (1931), on page 160 of our Twenty-seventh Annual Report (1932) and on page 146, of our Twenty-eight Annual Report (1933), and on page 152 of our Twentylninth Annual Report (1934) and in the following list up to and inclucive of 1935.

### Canadian National Railways

Dominion Statute .......... 3 1935

(An Act to provide for the refunding of maturing and callable financial obligations.)

### Canadian National Railways

Dominion Statute .......... 17 1935

(Authorizing the provision of moneys to meet expenditures made and indebtedness incurred during 1935.)

### "The Railway Act"

Ontario Statute .......... 60 1935

An Act to amend Section 267 of "The Railway Act".

### Sandwich, Windsor and Amherstburg Railway

Ontario Statute .......... 66 (Sec. 16) 1935

Act of 1930 amended by adding thereto Section 5a.

### Temiskaming and Northern Ontario Railway

Ontario Statute .......... 70 1935

Act to amend "The Temiskaming and Northern Ontario Railway Act".

### Windsor, Essex and Lake Shore Railway

Ontario Statute .......... 66 (Sec. 24) 1935

"The Windsor, Essex and Lake Shore Railway Act, 1933" to remain in force until June 30th, 1936.

## FORMS THAT MAY BE USED IN CONNECTION WITH THE EXAMINATION OF MOTORMEN

Name of City or Town

.................................................................193 .

NAME OF RAILWAY

This is to certify that, acting under "The Railway Act, 1927", R.S.O., Chapter 224, Section 265, I have fully examined the .........................................who is ..........................................years of age and ........ feet ........ inches high, weighs ........ lbs., complexion ......................, as to his fitness as a motorman, that the said ................................ ...................................................is of steady habits, and is in physical ability, intelligence and general knowledge of, and experience in, this work, qualified to act as motorman on any electric car of said Company.

I have been duly appointed an examiner under the said Act, my appointment being dated

...............................................................................

Name.............................................................................................
Examiner.

## FORM TO BE USED BY COMPANIES IN REPORTING ACCIDENTS

ACCIDENTS: Regulations under and in pursuance of Sections 275 and 276 of "The Railway Act, 1927", R.S.O., Chapter 224.

ACCIDENTS.—Every company upon the happening of an accident shall give to the Ontario Railway and Municipal Board notice thereof in writing by delivering the same at the office of the Board in the City of Toronto of by mailing it, postage prepaid, in a registered letter addressed to the Board.

Such notice shall contain a statement signed by a duly authorized officer of such company, setting forth the information and particulars hereinafter mentioned.

Such statement shall be divided into paragraphs, each of which shall include and refer to one (or one group) only of the numbered particulars hereinafter mentioned, and the paragraph referring to each respective numbered particular shall bear the number corresponding to the number hereinafter given foi ach such particular.

The numbers of paragraphs and the particulars to which each shall refer as aforesaid are as follows:

1. Name or names of company or companies concerned in accident.
2. Numbers of train, engine, car or motor.
3. Date and time of accident.
4. Nature of accident.
5. Exact location.
6. Name in full, address and legal addition of each persons injured or killed.
7. Age.
8. Married or single.
9. Passenger, employee or other.
10. If employee, length and nature of service with dates and periods of different occupations (if more than one).
11. If employee, character, experience, skill and fitness with respect to occupation at time of accident.
12. How engaged at time of accident and how long on duty.
13. Caus of accident, how same occurred, with full particulars and details, and diagram, if required.
14. Persons in charge, with full names, addresses and the particulars referred to in paragraphs 10, 11 and 12.
15. Result to person and particulars of injury.
16. Result to property, including amount of damage.
17. Names and addresses of all persons present at, or eye witnesses of, the accident.
18. What investigation (if any), and result of same.
19. Verdict (if nay).

The Board reserves the right to require such further and other details, particulars, maps, plans, profiles, documents, models and information or illustration of any kind as to the nature of the accident and a full understanding thereof may suggest or require.

In pursuance of Sections 275 and 276 of said Act, the Board declares that all such information so given in pursuance of this regulation shall be privileged.

Signature of Officer.

N.B.—Give name of officer who fills out this report.

# REGULATIONS

## REGULATION AS TO HEIGHT OF CAR STEPS

Under and in pursuance of a certain order of the Board bearing date the 2nd day of June, A.D. 1909, the Ontario Railway and Municipal Board made the following regulations:

The steps on all cars hereafter constructed and used by The Toronto Railway Company and all other street and electric railways under the jurisdiction of this Board shall have steps conforming to the following regulations.

On closed single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches.

On closed double truck cars the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches.

On open single truck cars the height of the first step above the ground shall not be less than twelve nor more than fifteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and nine inches respectively.

On open double truck cars, the height of the first step above the ground shall not be less than fourteen nor more than sixteen inches, and the distance between the first and second steps and the second step and the floor of the car shall measure twelve inches and fourteen inches respectively.

## REGULATION *RE* DRINKING WATER ON PASSENGER CARS

Every Electric Railway in Ontario, subject to the jurisdiction of the Board, shall provide in each passenger car which runs 20 miles or more, a suitable receptacle for water with paper cups attached upon or near such receptacle, and shall keep such receptacle, while the car is in use, constantly supplied with cool drinking water for the use of passengers and the conductor and motorman in charge of such car.

This regulation shall not apply to street railways in towns or cities

Dated at Toronto, this 10th day of April, A.D. 1928.

## *Summary of Reports of Railways under the Jurisdiction of the Ontario Municipal Board*

### WENTWORTH INCLINE RAILWAY LIMITED

Balance Sheet as at December 31st, 1935.

### ASSETS

| | | | | |
|---|---|---|---|---|
| CURRENT | | | $181,407.53 | |
| Cash on Hand | | $ 162.11 | | |
| Balance in Bank: | | | | |
| Savings Account | $ 29.95 | | | |
| Current Account | 1,253.71 | | | |
| | | 1,283.66 | | |
| Conductor's Loan Account | | 50.00 | | |
| Accounts Receivable | | 139.46 | | |
| Investments at cost | | 179,372.40 | | |
| Prepaid Expense | | 399.90 | | |
| | | $181,407.53 | | |
| FIXED | | | 45,027.14 | |
| Plant and Equipment, Road Bed, etc. | | 114,409.22 | | |
| Buildings | | 9,500.00 | | |
| Land | | 26,078.25 | | |
| | | 149,987.47 | | |
| Less Reserve for Depreciation | | 104,960.33 | | |
| | | 45,027.14 | | |

### LIABILITIES

| | | | | |
|---|---|---|---|---|
| CURRENT | | | | $ 1,125.00 |
| Accounts Payable | | 375.00 | | |
| Tickets Outstanding Reserve | | 350.00 | | |
| George F. Webb | | 400.00 | | |
| | | 1,125.00 | | |
| SHAREHOLDERS | | | | 225,309.67 |
| Capital Stock | | 27,800.00 | | |
| Special Reserve | | 46,891.56 | | |
| Profit and Loss Account | | 150,618.11 | | |
| | | $225,309.67 | | |
| | | | $226,434.67 | $226,434.67 |

## WENTWORTH INCLINE RAILWAY LIMITED

Profit and Loss Account Year ended December 31st, 1935.

| | | | |
|---|---|---|---|
| EARNINGS: | | | |
| Ticket Sales — Passengers, Freight, etc. | | | $ 16,784.23 |
| DIVIDEND AND INTEREST RECEIVED | | | 3,524.65 |
| EXPENSES | | $ 22,419.40 | |
| Fuel, Power and Light | $ 1,645.17 | | |
| General Expense, Taxes, Director's Fees and Salary | 7,160.36 | | |
| Insurance | 503.55 | | |
| Insurance Claim | 15.00 | | |
| Oil and Waste | 64.24 | | |
| Repairs | 114.03 | | |
| Wages | 12,917.05 | | |
| | 22,419.40 | | |
| LOSS FOR THE YEAR | | | 2,110.52 |
| | | $ 22,419.40 | $ 22,419.40 |

### PROFIT AND LOSS SUMMARY

| | | |
|---|---|---|
| Balance January 1st, 1935 | | $154,815.08 |
| Loss for year 1935 | $ 2,110.52 | |
| Ontario Companies Tax Paid | 97.73 | |
| Dividend Paid 1935 | 1,668.00 | |
| Adjustment — Stocks sold | 320.72 | |
| Balance per Balance Sheet | 150,618.11 | |
| | $154,815.08 | $154,815.08 |

Subject to report dated February 8th, 1936.

## ANALYSIS OF GROSS EARNINGS AND MISCELLANEOUS INCOME FOR YEAR ENDING DECEMBER 31st. 1935.

| Name of Railway | From Passengers | From Mail | From Express Parcels and Newspapers | From Freight | From Rental of track, buildings, and other property | From Advertising | From other miscellaneous sources | Total |
|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway | $ 62,404.42 | -------- | -------- | $ 56,536.09 | -------- | $ 511.42 | $ 854.17 | $120,306.10 |
| Fort William Electric Railway | 119,421.32 | $ 900.00 | -------- | -------- | 53.00 | 863.43 | 779.36 | 122,017.11 |
| Hamilton Street Railway | 938,078.31 | -------- | -------- | 3,702.80 | 48.50 | 6,751.31 | 1,547.34 | 950,128.26 |
| Huntsville & Lake of Bays Ry. | 769.20 | 35.00 | 1,035.70 | -------- | -------- | -------- | -------- | 1,839.90 |
| Hydro Electric Rys. (Guelph Div.) | 47,696.64 | -------- | -------- | 9,424.29 | 266.64 | 239.30 | 3,532.00 | 61,158.87 |
| International Transit Co. | 40,947.78 | 400.00 | -------- | 64.00 | 100.00 | 415.74 | -------- | 410,927.52 |
| Kitchener & Waterloo St. Ry. | 87,435.93 | 4,454.98 | 11.85 | -------- | 1,087.00 | 547.24 | 2,178.75 | 95,715.75 |
| London Street Railway | 475,804.79 | 3,000.00 | -------- | -------- | 126.00 | 2,211.08 | 4,584.53 | 485,726.40 |
| Mt. McKay & Kakabeka Falls Ry. | Line operated by City of Fort William under lease. | | | | 1,500.00 | -------- | -------- | 1,500.00 |
| Niagara Peninsular Railway | -------- | -------- | -------- | 10,875.00 | -------- | -------- | -------- | 10,875.00 |
| Port Arthur Civic Railway | 134,279.92 | -------- | -------- | -------- | -------- | 397.60 | -------- | 134,677.52 |
| Sandwich Windsor & Amherstburg Railway | 551,639.00 | 2,504.76 | 1,708.66 | 1,480.41 | 1,055.81 | 3,139.24 | 3,474.51 | 565,002.33 |
| Sudbury Copper Cliff Suburban R | 64,672.35 | -------- | 35.85 | -------- | 180.00 | 165.00 | 115.50 | 65,168.70 |
| Thurlow Railway | -------- | -------- | -------- | 28,240.00 | -------- | -------- | -------- | 28,240.00 |
| Tillson Spur Line Railway | All rolling stock owned & operated by Canadian National Ry. | | | | | | | |
| Toronto Transportation Com. | 10,071,124.05 | -------- | 14,679.35 | -------- | 91,354.21 | 100,262.87 | 39,851.96 | 10,317,272.44 |
| " " " North Yonge Ry. | 67,948.17 | -------- | -------- | -------- | 1,376.40 | 818.49 | 173.10 | 70,316.16 |
| " " " Twp. York Ry | 198,752.40 | -------- | -------- | -------- | 1,306.03 | -------- | 1,577.52 | 201,635.95 |
| Wentworth Incline Railway | See statement. | | | | | | | |

## TABULATION OF CAR MILES RUN, PASSENGERS CARRIED, ACCIDENTS ETC., FOR YEAR ENDING DECEMBER 31st, 1935

| Name of Railway | Length of track owned miles | Length of switches & sidings miles | Passengers car miles run | Passengers carried | Passengers carried per mile of main track operated | Accidents |  |  | Passenger Cars |  |  | Other |  |  |  | Service Cars |  |  |  | Miscellaneous |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  | Killed | Injured | No. of Men Employed | Enclosed Cars | Open Cars | Trailers | Baggage & Mail | Cattle & Box | Platform | Coal & Dump | Tool | Snow Sweepers | Snow Plows | Loading Crane | Refrigerator | Locomotives | Ferry Boat |
| Cornwall Street Railway | 5.50 | 3.00 | 404,180 | 1,474,888 | 268,161 | --- | --- | --- | 1. | --- | --- | --- | --- | --- | --- | --- | 3 | 1 | --- | --- | 3 | --- |
| Fort William Electric Railway | 18.916 | 6.580 | 658,853 | 1,967,581 | --- |  | 2 | --- | 18 | --- | 5 | --- | --- | --- | --- | --- | 1 | 2 | --- | --- | --- | --- |
| Hamilton Street Railway | 34.3 | --- | 4,213,187 | 17,267,897 | --- |  | 101 | --- | 73 | --- | --- | --- | --- | --- | --- | --- | 4 | --- | --- | --- | --- | --- |
| Huntsville & Lake of Bays Ry. | 1.438 | .312 | --- | 5,266 | 5,266 | --- | --- | 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Hydro Electric Rys. (Guelph Div.) | 6.412 | 2.094 | 336,640 | 862,603 | 100,446 | --- | 5 | 28 | 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| International Transit | 4.97 | .09 | 213,458 | 821,374 | 216,151 | --- | --- | 18 | 8 | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |
| Kitchener & Waterloo St. Ry. | 9.41 | .94 | 311,470 | 2,139,799 | 227,396 | --- | 3 | 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| London Street Railway | 2.287 | .96 | 2,513,550 | 8,646,232 | --- | --- | 75 | 194 | 31 | 5 | --- | --- | --- | --- | --- | --- | --- | 2 | 2 | --- |  | --- |
| Mt. McKay & Kakabeka Falls R. | 5.00 | 1.5 | Line oper | ated by Ci | ty of Fort | Willi | am u | nder le | ase |  |  |  |  |  | 10 |  |  |  |  |  |  |  |
| Niagara Peninsular Railway | 3.325 | 2.115 | --- | --- | --- | --- | --- | 5 | --- | --- | --- | --- | --- | 1 | 59 | --- | --- | --- | --- | --- | 2 | --- |
| Porth Arthur Civic Railway | 19.53 | 1.04 | 610,808 | 2,149,354 | 110,054 | --- | 1 | 56 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sandwich Windsor & Amherstburg Railway | 61.015 | 5.516 | 2,413,431 | 8,268,341 | 135,513 | 5 | 79 | 209 | 62 | --- | 1 | 5 | --- | --- | --- | 1 | 1 | 1 | --- | --- | --- | --- |
| Sudbury Copper Cliff Suburban Railway | 7.9 | .160 | 97,350 | 749,656 | 63,707 | 2 | 2 | 18 | 12 | --- | --- | --- | --- | --- | --- | --- | 1 | --- | --- | --- | --- | --- |
| Thurlow Railway | 2.671 | 4.666 | --- | --- | --- | --- | --- | 6 | --- | --- | --- | --- | --- | 2 | 3 | --- | --- | --- | 5 |  |  |  |
| Tillson Spur Line Railway | 1.010 | .051 | All rolling | stock own | ed & ope | perat | ed by | Canad | ian | Na | tion | al | Rail | way |  |  |  |  |  |  |  |  |
| Toronto Transportation Com. | 219.255 | 30.419 | 26,312,256 | 152,297,803 | --- | 12 | 375 | --- | 726 | 225 | --- | --- | --- | --- | --- | --- | 28 | 10 | --- | --- | --- | --- |
| " " " North Yonge Ry. | 10.247 | 1.301 | 255,674 | 813,880 | --- | --- | 5 | Ry. op | era | ted | & ro | llin | gsto | ck o | wne | d by | Tor . | Tr | ans | . C | om. |  |
| " " " Township York Ry. | 24.065 | .148 | 593,532 | 4,070,740 | --- | --- | --- | Ry. op | era | ted | & ro | llin | gsto | ck o | wne | d by | Tor . | Tr | ans | . C | om. |  |
| Wentworth Incline | See Statement. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

## TABULATION OF COMPARISON WITH PREVIOUS YEARS AS TO CAR MILES RUN, PASSENGERS CARRIED, ETC.

For year Ending December 31st. 1935.

| Name of Railway | Length of Track | | Car Miles Run | | Passengers Carried | | Accidents | | | | Net Earnings | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Killed | | Injured | | | |
| | In-crease | De-crease | In-crease | De-crease | Increase | Decrease | In-crease | De-crease | In-crease | De-crease | Increase | Decrease |
| Cornwall Street Railway | ---- | ---- | 44,853 | ---- | 4,353 | ------- | ---- | ---- | ---- | ---- | ------ | 17,419.08 |
| Fort William Electric Railway | ---- | ---- | ------ | 34,330 | ------ | 30,983 | 1 | ---- | ---- | 3 | (a)2,126.59 | ------ |
| Hamilton Street Railway | ---- | ---- | 407,106 | ---- | 4,851,086 | ------- | ---- | ---- | ---- | 12 | 112,018.52 | ------ |
| Huntsville & Lake of Bays Ry. | ---- | ---- | ------ | ---- | 310 | ------- | ---- | ---- | ---- | ---- | 9.94 | ------ |
| Hydro Electric Rys. (Guelph Div.) | ---- | ---- | 1,729 | ---- | 69,467 | ------- | ---- | ---- | 3 | ---- | ------ | (b)5,294.11 |
| International Transit | ---- | ---- | 2,419 | ---- | 61,654 | ------- | ---- | 1 | ---- | ---- | ------ | 679.61 |
| Kitchener & Waterloo Street Ry. | ---- | ---- | ------ | 456 | ------ | 33,396 | ---- | ---- | 2 | ---- | (a) 781.35 | ------ |
| London Street Railway | ---- | ---- | ------ | ---- | ------ | ------- | ---- | ---- | 16 | ---- | (a) 8,889.63 | ------ |
| Mt. McKay & Kakabeka Falls Ry. | ---- | ---- | Line operated by City of Fort William under lease. | | | | | | | ---- | (a) 157.68 | ------ |
| Niagara Peninsular Railway | ---- | ---- | ------ | ---- | ------ | ------- | ---- | ---- | ---- | ---- | ------ | 12,068.58 |
| Port Arthur Civic Railway | ---- | ---- | 2,008 | ---- | ------ | 60,536 | ---- | 1 | 1 | ---- | ------ | (b)3,557.58 |
| Sandwich Windsor & Amherstburg Railway | 5,061 | ---- | 87,998 | ---- | 862,219 | ------- | 2 | ---- | 35 | ---- | a)15,447.36 | ------ |
| Sudbury Copper Cliff Suburban Ry. | ---- | ---- | ------ | ---- | ------ | 212,982 | 2 | ---- | 2 | ---- | (a)1,086.47 | ------ |
| Thurlow Railway | ---- | ---- | ------ | ---- | ------ | ------- | ---- | ---- | ---- | ---- | 3,374.42 | ------ |
| Tillson Spur Line | ---- | ---- | All rolling stock owned & operated by Canadian National Ry. | | | | | | | | | |
| Toronto Transportation Com. | ---- | 4,329 | ------ | 326,211 | ------ | 2,050,698 | ---- | 2 | ---- | 153 | 1,014.42 | ------ |
| " " " North Yonge Ry. | ---- | ---- | 44 | ---- | ------ | 11,132 | ---- | ---- | ---- | 4 | (a) 991.49 | ------ |
| " " " Township York Ry. | ---- | ---- | 3,051 | ---- | ------ | 69,867 | ---- | ---- | ---- | 3 | ------ | (b)1,095.04 |
| Wentworth Incline Ry. | See Statement. | | | | | | | | | | | |

(a)—Decrease in deficit.

(b)—Increase in deficit.

## TABULATION OF OPERATING COSTS FOR YEAR ENDING DECEMBER 31st, 1935.

| Name of Railway | General Expenses | Maintenance of Roadbed and Buildings | Maintenance Equipment | Motive Power | Wages | Damages to persons and Property | Miscellaneous | Total |
|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway | $13,065.39 | $ 6,894.39 | $14,699.30 | $11,163.57 | $27,456.19 | $ 893.77 | $ 1,096.44 | $75,269.05 |
| Fort William Electric Railway | 12,677.82 | 17,622.49 | 18,678.51 | 23,620.12 | 48,402.21 | 318.77 | 2,805.47 | 124,125.39 |
| Hamilton Street Railway | 48,578.12 | 44,161.93 | 113,261.61 | 152,358.52 | 223,360.16 | 29,003.03 | 140,385.79 | 751,109.16 |
| Huntsville & Lake of Bays Railway | 153.80 | 188.21 | 192.62 | -------- | 314.73 | -------- | 366.63 | 1,215.99 |
| Hydro Electric Rys. (Guelph Division) | 10,298.85 | 4,111.40 | 13,138.25 | 11,167.44 | 19,756.44 | 27.37 | 8,717.39 | 67,216.84 |
| International Transit | 5,914.70 | 3,844.74 | 5,034.56 | 7,620.00 | 10,584.31 | -------- | 4,819.20 | 36,817.51 |
| Kitchener & Waterloo Street Railway | 10,255.25 | 5,673.90 | 3,039.36 | 10,528.86 | 41,765.92 | -------- | 2,858.22 | 74,121.51 |
| London Street Railway | 16,107.41 | 21,814.82 | 27,470.37 | 33,001.88 | 72,832.45 | 7,384.32 | 232,403.53 | 411,014.84 |
| Mt. McKay & Kakabeka Falls Railway | Line opera | ted by the | City of Fo | rt William | under lease. | -------- | 232.63 | 232.63 |
| Niagara Peninsular Railway | 96.95 | 2,370.05 | 1,712.91 | -------- | 3,130.95 | -------- | 3,513.60 | 10,824.46 |
| Port Arthur Civic Railway | 8,560.60 | 13,255.03 | 18,449.61 | 19,999.92 | 43,738.36 | -------- | 10,545.32 | 114,548.84 |
| Sandwich Windsor & Amherstburg Ry. | 72,579.46 | 59,493.21 | 105,603.36 | 94,968.46 | 179,553.87 | 108.70 | 11,546.66 | 523,853.72 |
| Sudbury Copper Cliff Suburban Ry. | 5,831.79 | 5,683.79 | 8,553.49 | 12,343.47 | 18,121.60 | -------- | 3,169.94 | 53,704.80 |
| Thurlow Railway | 96.95 | 3,081.90 | 941.15 | 505.00 | 2,235.25 | -------- | 587.86 | 7,448.11 |
| Tillson Epur Line | All rolling | stock own | ed & opera | ed by Can | adian Nati | onal Ry. | | |
| Toronto Transportation Commission | 496,211.07 | 337,748.43 | 568,723.65 | 978,414.50 | 2,692,020.27 | 55,565.00 | 1,102,713.32 | 6,131,396.24 |
| " " " North Yonge Ry. | 7,179.46 | 5,484.86 | 6,751.19 | 17,892.46 | -------- | -------- | 33,275.94 | 70,583.91 |
| " " " Township York Ry. | 13,777.89 | 9,953.40 | 13,716.34 | 30,970.48 | -------- | -------- | 94,861.36 | 163,279.47 |
| Wentworth Incline Railway | See State | ment. | | | | | | |

## TABULATION OF CHARGES OTHER THAN OPERATING COSTS FOR YEAR ENDING DECEMBER 31st. 1935.

| Name of Railways | Interest on Funded Debt. | Interest or Discount on Unfunded Debt. | Taxes | Transfer to Special Accounts | All Charges other than Operating Costs | Total Expenditure including Operating Costs | Total Expenditure excluding Operating Costs | Total Revenue from all sources | Net Deficit from Year's Operations | Net Surplus from Year's Operations |
|---|---|---|---|---|---|---|---|---|---|---|
| Cornwall Street Railway | $ 9,100.00 | ------ -- | $ 2,384.35 | $28,607.01 | $46,714.14 | (a)$93,376.18 | (a)$18,107.13 | $121,306.10 | $ 677.09 | -------- |
| Fort William Electric Railway | 41,330.00 | ---- -- | 192.63 | 18,160.64 | 59,683.27 | (a)165,648.02 | (a)124,125.39 | 128,141.07 | 55,667.59 | -------- |
| Hamilton Street Railway | -------- | --- ---- | 29,389.41 | -------- | 29,389.41 | 780,498.56 | 29,389.41 | 950,128.26 | -------- | $169,629.69 |
| Huntsville & Lake of Bays Railway | -------- | -------- | 96.25 | -------- | 96.25 | 1,312.24 | 96.25 | 1,839.90 | -------- | 527.66 |
| Hydro Electric Rys. (Guelph Division) | 26,700.00 | Cr. 1,117.98 | 245.75 | 6,266.83 | 32,094.60 | (a) 93,044.61 | (a) 25,827.77 | 61,158.87 | 38,152.57 | -------- |
| International Transit | -------- | 397.50 | 5,054.88 | 10,000.00 | 15,452.38 | (a) 42,269.89 | (a) 5,452.38 | 64,100.43 | -------- | 1,330.54 |
| Kitchener & Waterloo Street Ry. | -------- | 7,876.08 | 424.64 | 17,864.63 | 26,165.35 | (a)100,286.86 | (a) 26,165.35 | 95,715.75 | 4,571.11 | -------- |
| London Street Railway | 23,313.90 | -------- | 8,937.74 | 63,660.00 | 95,911.64 | (a)443,266.48 | (a) 32,251.64 | 485,726.40 | 21,200.08 | -------- |
| *Mount McKay & Kakabeka Falls Ry. | -------- | -------- | 356.81 | 21,194.15 | 21,550.96 | (a) 589.44 | (a) 232.63 | 1,870.99 | 19,912.60 | -------- |
| Niagara Peninsular Railway | -------- | -------- | 33.25 | -------- | 33.25 | 10,857.71 | 33.25 | 10,875.00 | -------- | 17.29 |
| Port Arthur Civic Railway | 21,642.47 | -------- | 114.73 | 9,302.33 | 31,059.53 | (a)136,306.04 | (a) 21,757.20 | 134,677.52 | 10,930.85 | -------- |
| Sandwich Windsor & Amherstburg Ry | 256,110.87 | -------- | 2,409.59 | 154,927.82 | 414,669.97 | (a)783,595.87 | (a)259,742.15 | 565,002.33 | 373,521.36 | ------ |
| Sudbury Copper Cliff Suburban Ry. | 4,500.00 | 3,200.00 | 433.09 | 12,983.04 | 21,116.13 | (a) 61,837.17 | (a) 8,133.09 | 65,168.70 | 9,552.51 | -------- |
| Thurlow Railway | -------- | -------- | 576.71 | 12,057.66 | 17,634.37 | (a) 13,024.82 | 5,576.71 | 28,240.09 | -------- | 3,157.52 |
| Tillson Spur Line | All rolling s | tock owned | and operated | by Canadia | n National | Railway. | | | | |
| Toronto Transportation Commission | 161,647.06 | -------- | 210,657.44 | 2,533,736.37 | 4,377,665.20 | (a)7,975,325.07 | (a)1,843,928.83 | 7,975,325.07 | -------- | 7,734.52 |
| " " " North Yonge Ry. | -------- | -------- | 78.41 | -------- | 78.41 | 70,662.32 | 78.41 | 70,316.16 | 346.16 | -------- |
| " " " Township York Ry. | 41,696.43 | 15,883.85 | -------- | 95,442.55 | 153,022.82 | (a)220,859.75 | (a) 57,580.28 | 201,635.95 | 114,666.35 | -------- |
| Wentworth Incline Railway | See Stateme | nt. | | | | | | | | |

(a)—Does not include transfers to special accounts.

*—Line operated by City of Fort William under lease.

## TABULATION OF ASSETS AND LIABILITIES AS OF DECEMBER 31st, 1935.

| Name of Railway | Authorized Capital Stock | ASSETS | | | LIABILITIES | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Cost of Railway Equipment, Land & Buildings | Cash and other assets | Deficit | Capital Stock outstanding | Funded Debt. and Real Estate | Current Liabilities | Accrued Liabilities Sinking and other Special Funds | Surplus |
| Cornwall Street Railway | $200,000.00 | $485,979.04 | $ 12,473.94 | -------- | $200,000.00 | $130,000.00 | $ 4,896.63 | $111,488.33 | $ 52,068.02 |
| Fort William Electric Railway | -------- | 864,000.00 | 669,990.83 | -------- | -------- | 864,100.00 | -------- | 669,990.83 | -------- |
| Hamilton Street Railway | 3,205,000.00 | 4,773,576.55 | 114,910.48 | -------- | 3,205,000.00 | -------- | 757,381.32 | 867,794.82 | 58,310.89 |
| Huntsville & Lake of Bays Railway | 50,000.00 | 31,331.20 | 10,001.45 | -------- | 27,800 | -------- | 2,021.18 | 10,983.81 | 527.66 |
| Hydro Electric Railways (Guelph Division) | -------- | 441,193.53 | 84,132.36 | 6,884.13 | -------- | 350,285.35 | 10,092.38 | 171,832.29 | -------- |
| International Transit | 150,000.00 | 624,789.47 | 18,005.72 | -------- | 150,000.00 | -------- | 4,967.13 | 294,890.82 | 192,847.24 |
| Kitchener & Waterloo Street Railway | -------- | 513,780.52 | 29,199.81 | 17,011.75 | -------- | -------- | 135,010.35 | 894.14 | 424,177.59 |
| London Street Railway | 637,480.00 | 1,351,038.18 | 105,731.64 | 44,399.03 | 637,480.00 | 450,000.00 | 40,739.53 | 472,949.32 | -------- |
| Mount McKay and Kakabeka Falls Railway | 886,300.00 | 104,804.93 | 66,955.62 | 252,394.22 | 386,300.00 | 450,000.00 | -------- | 37,854.77 | -------- |
| Niagara Peninsular Railway | 200,000.00 | 55,550.88 | 109,137.56 | -------- | 50,000.00 | -------- | -------- | -------- | 114,688.14 |
| Port Arthur Civic Railway | -------- | 560,424.18 | 429,981.58 | 15,911.68 | -------- | 469,634.00 | 45,210.49 | 489,995.25 | 1,477.70 |
| Sandwich, Windsor & Amherstburg Railway | -------- | 5,483,479.82 | 2,660,903.33 | 76,799.56 | -------- | 6,816,205.00 | 456,281.02 | 948,696.19 | -------- |
| Sudbury Copper Cliff Suburban Railway | 173,100.00 | 359,660.80 | 4,539.16 | 51,488.75 | 173,100.00 | 115,000.00 | 23,259.16 | 104,309.55 | -------- |
| Thurlow Railway | 25,000.00 | 58,211,42 | -------- | 50,508.59 | 25,000.00 | -------- | 92,719.99 | -------- | -------- |
| Tillson Spur Line | 20,000.00 | All rolling st | ock owned & | operated b. C.N.R. | 20,000.00 | -------- | -------- | -------- | -------- |
| Toronto Transportation Commission | -------- | 51,512,929.08 | 8,068,993.04 | -------- | -------- | 28,708,759.76 | 704,453.50 | 29,545,399.96 | 623,308.90 |
| " " " North Yonge Railway | -------- | 107,549.10 | 1,474.64 | 346.16 | -------- | -------- | 109,369.90 | -------- | -------- |
| " " " Township of York Railway | -------- | 1,393,256.10 | 542,502.59 | 114,666.35 | -------- | 996,533.64 | 455,600.73 | 598,290.67 | -------- |
| Wentworth Incline Railway | See Stateme | nt. | | | | | | | |

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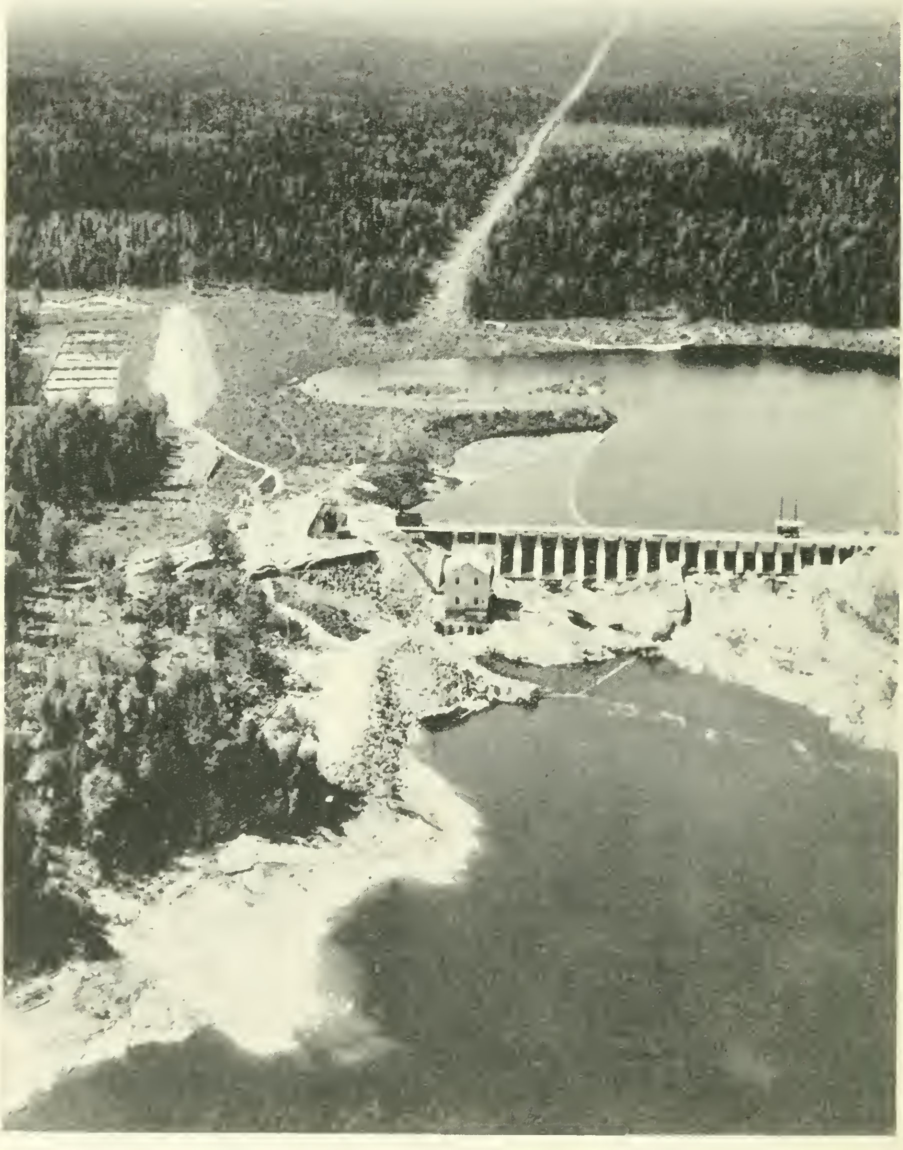

POWER FOR MINING IN NORTHERN ONTARIO

Ear Falls Hydro-Electric Development; Constructed by the Commission below the outlet of Lac Seul on the English River. Present installation 5,000 horsepower; ultimate capacity of site 30,000 horsepower. Transmission line to Red Lake shown in the upper part of the picture

TWENTY-EIGHTH ANNUAL REPORT

OF

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED OCTOBER 31st

1935

ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

TORONTO
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1936

# THE HYDRO-ELECTRIC POWER COMMISSION
## OF ONTARIO
## 1935

| | |
|---|---|
| T. Stewart Lyon | *Chairman* |
| Hon. Arthur W. Roebuck, K.C., M.L.A. | *Commissioner* |
| Hon. Thomas B. McQuesten, K.C., M.L.A. | *Commissioner* |
| W. W. Pope | *Secretary* |
| A. Murray McCrimmon | *Assistant Secretary and Controller* |

### *Chief Engineers*

| | |
|---|---|
| T. H. Hogg, B.A.Sc., C.E., D.Eng. | *Hydraulic and Operation* |
| R. T. Jeffery, B.Sc. | *Municipal Relations and Rural Power* |

*To His Honour*

The Honourable Herbert A. Bruce, R.A.M.C., M.D., F.R.C.S.,
*Lieutenant-Governor of Ontario*

May It Please Your Honour:

The undersigned respectfully presents the Twenty-Eighth Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year which ended October 31, 1935, together with financial statements and statistical data for the calendar year 1935 relating to the municipal electric utilities operating in conjunction with the various systems of the Commission for the supply of electrical service to the citizens of the Province.

The report contains a record of the Commission's activities in administration, construction and operation, and financial statements for the year ending October 31, 1935.

The Commission administers as trustee for the people of Ontario, under the Legislative Assembly and the Executive Council, power developments in Northern Ontario, owned by the Province. These are operated by the Commission under an agreement by which deficits incurred in operation are provided from the Provincial Treasury and surplus funds remaining from operations, after provision is made for interest, renewals and sinking fund upon the capital employed, will be transferred to the Treasury.

The various statements presented provide a comprehensive survey of the Commission's operations. For the information of Your Honour and the Members of the Legislature, comparative statements have been compiled, showing for the several systems, during the past seven years, the total cost of power supplied to the co-operating municipalities and to other consumers of each system, including the cost of power purchased under contract for each system, together with the revenues of each and additions calling for capital expenditures made thereto during the period under review.

### Capital Expenditures

It will be seen, for example, that the capital investment in the Niagara system, which was $168,004,159 in 1929, has grown through the acquisition of privately owned power plants and new construction, particularly of the Chats Falls development and of rural lines, to $210,332,868 in 1935. This increase of capital has been accompanied, since 1932, by a decrease in the annual interest charges and payments on exchange, upon capital advanced by investors in the United States and the United Kingdom. The net interest and exchange charge of 1932 upon the then total capital investment in the Niagara system of

$207,977,388, totalled $10,691,491. During the past year the net interest and exchange upon $210,332,868 totalled $9,891,871. There were only nominal payments under the heading, "exchange."

### Operation Costs Reduced

Continuous efforts have been made throughout the year to reduce running expenses. The result is that for operation, maintenance and administration in the Niagara system, the cost last year was the lowest since 1929. The total outlay under these headings was $4,378,261 in 1935, which compares very favourably with $4,711,607 spent on operation, maintenance and administration in 1929, when the power revenue totalled $21,664,808. In 1935 the Niagara system revenue totalled $23,292,490. The highest annual cost of operation, maintenance and administration shown in the tables accompanying this report was in 1931, when $5,653,006 was spent under that head. It will thus be seen that in the four intervening years, operation, maintenance and administration costs have been reduced to the extent of $1,274,745; a reduction accomplished without any sacrifice in the efficiency of the Commission's plants in the Niagara system.

In the Georgian Bay system the operation, maintenance and administration costs, during 1935, were $384,446. As recently as 1932 they had been $483,137. In this case the reduction was over twenty per cent as compared to the cost in 1932.

Corresponding reductions in operation, maintenance and administration costs have been made in other systems, particularly Eastern Ontario, where the aggregate under these headings had risen in 1931 to $981,514, but was reduced during the year ending October 31, 1935, to $719,353, which reduction is equal to almost ten per cent of the total cost of power to the Eastern Ontario system—including all capital charges—for 1935. In the Thunder Bay system during 1935 the operation, maintenance and administration costs showed a slight increase but totalled almost the same as those of 1930, before the depression had reduced the volume of power sales.

### Expansion in the North

Figures are presented in the following tables showing the distribution of primary and secondary power in all systems. The most marked change in recent years continues to be the rapid increase in the use of electrical energy in the gold fields of Northern Ontario. The chief expenditure of capital during the coming year will be for the extension of transmission lines in the Abitibi-Sudbury region, and for the addition of a generating unit to the Rat Rapids plant in Northwestern Ontario. These expenditures are so financed that amortization of the capital invested will be completed well within the estimated life of the mines served.

### A Slow Recovery

It will be observed from the table showing the distribution of primary power to all systems in the period 1929-1935, especially in the old established Niagara system, that progress out of the depression is somewhat slow, but has proceeded steadily since 1931. The December peak load in 1935 was 932,708 horsepower as compared with the lowest point of the depression—

December 1931—when the load was 828,200 horsepower. At the peak of the industrial expansion in 1929, the December load was 969,123 horsepower in the Niagara system, so that in the intervening six years the system has not quite reached the maximum of power consumption before the breaking of the boom. This slow recovery of the power load has had a very serious effect upon the Niagara system's financial position.

### The Quebec Contracts

Provision was made in 1929-1930 for additional power, totalling 471,000 horsepower, to be supplied by Quebec contractors. The Commission was at that time under contract to take for a thirty-year term 260,000 horsepower of 25-cycle energy from the Gatineau Power Company. At no time since the contracts of 1929-1930 were made has there been need to call for more power from the Quebec contractors than could have been supplied by the Gatineau Power Company. For this unused and unusable power, the Commission has been paying an annually increasing power bill which for the year 1929 totalled $1,638,516, and which had increased as at October 31, 1935 to $8,232,968. Had the contracts remained in force the payment to the four Quebec contractors in the year beginning November 1, 1936, would have totalled $10,965,000 on a tendered contract supply of 731,000 horsepower.

### The Annual Withdrawals

The inevitable result of payment for this great quantity of unused energy has been a series of deficits in the earnings of the Commission, which have rendered necessary the withdrawal from the contingencies reserve of the Niagara system during the past four years of the following sums:—

| | |
|---|---|
| 1932 | $2,544.648 |
| 1933 | 4,236,606 |
| 1934 | 2,869,828 |
| 1935 | 2,878,831 |

### Legislative Action

Confronted with this drain upon its resources which, if continued, would inevitably exhaust the contingencies reserve and bring about unbearable increases in the cost of power throughout the Niagara system, the Commission sought the aid of the Legislative Assembly in finding a remedy. On February 28 and March 1 and 2, 1935, the Honourable the Attorney-General, speaking for the Commission, in the House, during a complete presentation of the facts concerning the making of the contracts expressed the opinion that they were not only "outrageous and inequitable" but "illegal and unenforceable"; beyond the legal capacities of Ontario and Quebec, involving as they did the construction of works and undertakings which connected one Province with another or extended beyond the limits of a Province. This, Mr. Roebuck held to be a matter of Dominion jurisdiction. The contracting companies and The Hydro-Electric Power Commission were Provincial creations and the creatures of provincial authority could not do what the Legislatures themselves could not do.

The Prime Minister on April 1 introduced a measure, under the title: "An Act to declare the law with respect to The Hydro-Electric Power Commission of Ontario and with respect to certain invalid contracts." This Act—*The Power Commission Act of 1935*—provides that—

> The said contracts, as hereinafter set forth, are hereby declared to be and always to have been illegal, void and unenforceable as against The Hydro-Electric Power Commission of Ontario, such contracts being as follows:
>
> (*a*) Between the said Commission and Gatineau Power Company, five contracts bearing date the 19th day of May, 1926, and one contract bearing date the 27th day of July, 1926, set out in Schedule "A," hereto;
>
> (*b*) Between the said Commission and Gatineau Power Company, two contracts bearing date the 28th day of December, 1927, set out in Schedule "B" hereto;
>
> (*c*) Between the said Commission and Beauharnois Light, Heat and Power Company, one contract bearing date the 29th day of November, 1929, set out in Schedule "C" hereto;
>
> (*d*) Between the said Commission and Chats Falls Power Company, also known as Ottawa Valley Power Company, one contract dated the 15th day of February, 1930, and one contract dated the 24th day of February, 1931, known respectively as the "Power Contract" and the "Operating Contract," set out in Schedule "D" hereto;
>
> (*e*) Between the said Commission and James McLaren Company, Limited, one contract dated the 20th day of December, 1930, and one contract dated the 14th day of January, 1931, set out in Schedule "E" hereto.
>
> No action or other proceeding shall be brought, maintained or proceeded with against the said Commission founded upon any contract by this Act declared to be void and unenforceable, or arising out of the performance or non-performance of any of the terms of the said contracts.
>
> The said Commission may from time to time pay for such power as it deems advisable, and may, with the approval of the Lieutenant-Governor in Council enter into contracts therefor, and may distribute the cost thereof and all proper charges incidental thereto as determined by it among such municipalities and in such proportions as it may deem equitable, and all distribution as to such costs and charges for power heretofore purchased are validated and confirmed.
>
> The powers by this Act conferred on the said Commission shall be supplementary to the powers conferred on the said Commission by any other Statute.
>
> This Act shall come into force on a day to be named by the Lieutenant-Governor by his Proclamation.

### Proclamation of the Act

Estimates were made by the officers of The Hydro-Electric Power Commission and experts called into consultation as to the power requirements of the Commission for some time to come. It became evident that any increase of the demand for power, which might be expected within a reasonable period, would not warrant the Commission in continuing to take the quantities required to be taken under the contracts.

On October 18, 1935, the Commission met and adopted this recommendation:

"The Hydro-Electric Power Commission of Ontario recommends that "The Power Commission Act of 1935 be forthwith proclaimed. The Commission "advises that it is in a position to carry on its operations and give all essential "services to the power and light users of the Province without dependence on "power supplied under the agreements mentioned in the said Act."

This recommendation followed upon action taken on June 5, when the Maclaren-Quebec Power Company was notified that the Commission would not accept or pay for an addition, as of July 1, of 27,000 horsepower to its then existing supply of 40,000 horsepower from that company; and upon similar action taken on September 21, when the Gatineau Power Company was notified of the refusal of the Commission to accept an addition, as of October 1, of 6,000 horsepower to the 42,000 horsepower then supplied to the Eastern Ontario system by that company. The Beauharnois Light, Heat & Power Company was also notified that the Commission would not accept or pay for an addition of 67,000 horsepower to the 129,000 horsepower then being supplied by that company, which addition, the contract provided, should be taken by the Commission on October 1, 1935.

The Act was proclaimed on December 6, 1935, after the close of the fiscal year with which this Report deals.

### Sinking Fund Maintained

The addition to the sinking fund during the past year, including interest earned, totalled $3,074,571. The Niagara system sinking fund now stands at $30,613,933. The renewals fund totals $23,274,339; the addition during the year having been $2,310,414, including $838,469 of interest earned on invested renewals reserve.

The other systems—Eastern Ontario, Georgian Bay and Thunder Bay, are in excellent financial condition. Almost invariably the thirteenth bill to the municipalities in these systems has shown credits, and rebates have been made totalling substantial sums. The net credit balance to the municipalities of the Georgian Bay system for the year ending October 31, 1935, was $95,423; the largest total during the past seven years. In the Eastern Ontario system the net credit balance to the municipalities in 1935 was $244,223, as compared with $2,249 in 1933. In the Thunder Bay system, the net credit balance on the year's operations was $2,770. There had been no prior net credit since 1930, and in 1932 the large amount of $126,686 was charged against the municipalities of that system, over and above the amount of the interim monthly power bills.

## DISTRIBUTION OF PRIMARY POWER TO SYSTEMS

### 20-MINUTE PEAK HORSEPOWER—SYSTEM COINCIDENT PRIMARY PEAKS

| System | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|---|---|---|
| | October | | | | | | |
| Niagara system, 25-cycle | 931,261 | 879,518 | 805,630 | 839,946 | 848,793 | 856,434 | 875,067 |
| Dominion Power & Trans. | | 58,579 | 48,659 | 43,968 | 45,710 | 50,670 | 54,155 |
| Georgian Bay system | 22,118 | 23,355 | 26,356 | 25,666 | 23,887 | 24,488 | 27,534 |
| Eastern Ontario system | 82,299 | 87,990 | 85,857 | 80,544 | 86,890 | 91,716 | 103,559 |
| Thunder Bay system | 77,117 | 73,968 | 51,600 | 58,140 | 66,187 | 60,188 | 66,823 |
| Manitoulin rural power dist. | | | | | 80 | 88 | 114 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district | 3,599 | 3,745 | 3,689 | 3,751 | 3,539 | 3,840 | 3,921 |
| Sudbury district | | 12,935 | 10,724 | 7,574 | 12,466 | 12,466 | 13,070 |
| Abitibi district | | | 17,800 | 11,340 | 15,777 | 31,501 | 43,731 |
| Espanola district | | | | | | 509 | 547 |
| Patricia district | | 1,582 | 1,912 | 2,048 | 2,627 | 2,828 | 3,512 |
| St. Joseph district | | | | | | | 1,314 |
| Total | 1,116,394 | 1,141,672 | 1,052,227 | 1,072,977 | 1,105,956 | 1,134,728 | 1,193,347 |
| | December | | | | | | |
| Niagara system, 25-cycle | 969,123 | 902,392 | 828,200 | 838,338 | 879,893 | 901,877 | 932,708 |
| Dominion Power & Trans. | | 61,528 | 56,166 | 48,525 | 51,743 | 54,021 | 56,032 |
| Georgian Bay system | 22,961 | 25,591 | 27,531 | 26,424 | 25,496 | 26,816 | 27,466 |
| Eastern Ontario system | 90,255 | 93,560 | 91,253 | 86,716 | 91,924 | 96,783 | 107,185 |
| Thunder Bay system | 64,588 | 61,300 | 50,300 | 55,570 | 54,704 | 69,658 | 65,181 |
| Manitoulin rural power dist. | | | | | 84 | 108 | 134 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district | 3,492 | 3,654 | 4,088 | 3,799 | 3,901 | 4,008 | 4,095 |
| Sudbury district | | 10,724 | 11,059 | 9,853 | 12,802 | 13,003 | 14,008 |
| Abitibi district | | | 13,000 | 13,000 | 14,745 | 32,842 | 57,357 |
| Espanola district | | | | | | 535 | 533 |
| Patricia district | | 1,521 | 1,926 | 2,058 | 2,735 | 2,855 | 3,512 |
| St. Joseph district | | | | | | | 1,394 |
| Total | 1,150,419 | 1,160,270 | 1,083,523 | 1,084,283 | 1,138,027 | 1,202,506 | 1,269,605 |

NOTE.—The above figures represent primary loads, and are strictly comparable from year to year. The figures which have appeared in this table in former years have expressed total loads on the basis in use at the time; for example, on page viii of the 1930 report, the October 1930 load is shown as 1,000,670 horsepower. In addition to the primary load of 879,518 it contained at-will export 113,592 horsepower and a transfer to the Georgian Bay system amounting to 7,560 horsepower. While the latter is a primary obligation upon the Niagara system so far as generating resources go, it does not represent Niagara system load and as this load is included in the Georgian Bay system figures it must be excluded from those of the Niagara system. The correction has been made in all subsequent years.

---

### Declining Interest Payments

May I direct Your Honour's attention to the important factor of declining interest payments in the reduction of the cost of power to the people of the Niagara and other systems. The bulk of the capital invested in the Queenston-Chippawa plant, totalling over $76,000,000, will fall due within the next seven years. The major part of the loans issued by the Province on the Commission's requisitions for this plant bear interest at the rate of six per cent. It is estimated that up to 1943, $60,000,000 of these loans will have fallen due, and it is expected that the average rate of interest on the refunding issues will be considerably reduced.

## DISTRIBUTION OF POWER TO SYSTEMS—TOTAL PRIMARY AND SECONDARY

### 20-MINUTE PEAK HORSEPOWER—SYSTEM COINCIDENT PEAKS

| System | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|---|---|---|
| | October | | | | | | |
| Niagara system, 25-cycle | 948,412 | 1,038,110 | 860,630 | 867,446 | 1,055,697 | 1,071,046 | 1,177,346 |
| Dominion Power & Trans. | ......... | 58,579 | 48,659 | 43,968 | 45,710 | 50,670 | 54,155 |
| Georgian Bay system | 22,118 | 23,355 | 26,356 | 25,666 | 23,887 | 24,488 | 27,534 |
| Eastern Ontario system | 82,299 | 87,990 | 85,857 | 80,544 | 86,890 | 121,823 | 133,733 |
| Thunder Bay system | 77,117 | 73,968 | 51,600 | 65,700 | 90,450 | 99,866 | 113,673 |
| Manitoulin rural power dist. | ......... | ......... | ......... | ......... | 80 | 88 | 114 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district | 3,599 | 3,745 | 3,689 | 3,751 | 3,539 | 3,840 | 3,921 |
| Sudbury district | ......... | 12,935 | 10,724 | 7,574 | 12,466 | 12,466 | 13,070 |
| Abitibi district | ......... | ......... | 17,800 | 11,340 | 45,389 | 64,075 | 96,814 |
| Espanola district | ......... | ......... | ......... | ......... | ......... | 509 | 547 |
| Patricia district | ......... | 1,582 | 1,912 | 2,048 | 2,627 | 2,828 | 3,512 |
| St. Joseph district | ......... | ......... | ......... | ......... | ......... | ......... | 1,314 |
| Total | 1,133,545 | 1,300,264 | 1,107,227 | 1,108,037 | 1,366,735 | 1,451,699 | 1,625,733 |
| | December | | | | | | |
| Niagara system, 25-cycle | 969,123 | 1,073,400 | 883,200 | 838,338 | 1,134,262 | 1,150,938 | 1,080,697 |
| Dominion Power & Trans. | ......... | 61,528 | 56,166 | 48,525 | 51,743 | 54,021 | 56,032 |
| Georgian Bay system | 22,961 | 25,591 | 27,531 | 26,424 | 25,496 | 26,816 | 27,466 |
| Eastern Ontario system | 90,255 | 93,560 | 91,253 | 86,716 | 116,127 | 127,849 | 124,873 |
| Thunder Bay system | 64,588 | 61,300 | 50,300 | 63,800 | 120,000 | 122,922 | 125,201 |
| Manitoulin rural power dist. | ......... | ......... | ......... | ......... | 84 | 108 | 134 |
| Northern Ont. properties: | | | | | | | |
| Nipissing district | 3,492 | 3,654 | 4,088 | 3,799 | 3,901 | 4,008 | 4,095 |
| Sudbury district | ......... | 10,724 | 11,059 | 9,853 | 12,802 | 13,003 | 14,008 |
| Abitibi district | ......... | ......... | 13,000 | 13,000 | 46,890 | 93,029 | 138,390 |
| Espanola district | ......... | ......... | ......... | ......... | ......... | 535 | 533 |
| Patricia district | ......... | 1,521 | 1,926 | 2,058 | 2,735 | 2,855 | 3,512 |
| St. Joseph district | ......... | ......... | ......... | ......... | ......... | ......... | 1,394 |
| Total | 1,150,419 | 1,331,278 | 1,138,523 | 1,092,513 | 1,514,040 | 1,596,084 | 1,576,335 |

NOTE.—In some instances the above figures differ slightly from those appearing in former Annual Reports. Corrections have been made for the transfer of power between the Niagara and Georgian Bay systems, inclusion in the Niagara system of Gatineau resale, and, in the earlier years, using system coincident peaks instead of the sum of the district peaks for the Eastern Ontario system and showing Sudbury and Abitibi as separate districts.

---

**Refunding Provisions**

During the year under review arrangements were made with the Treasury department of the Government by which requirements of new capital and refunding of Provincial loans issued originally for the purpose of financing construction works of The Hydro-Electric Power Commission will in future be financed by bonds of the Commission guaranteed by the Province, instead of as heretofore by bonds shown in the Public Accounts as a direct liability of the Province. The chief advantage of this change in the method of financing new construction and refunding of existing issues is the separation of debt for revenue producing assets to the extent of $185,000,000—representing money advanced by the Province for Hydro-Electric Power Commission purposes—from other liabilities of the Province. The word "debt" is not properly applic-

(*Continued on page* xvi)

## COMPARATIVE FINANCIAL STATEMENTS

### NIAGARA

| Year | 1929 | 1930 |
|---|---|---|
| | $ c. | $ c. |
| CAPITAL INVESTMENT | 168,004,159.13 | 199,799,252.77 |
| Power purchased | 1,638,516.84 | 2,644,916.07 |
| Operation, maintenance and administration | 4,711,607.15 | 5,606,062.59 |
| Interest | 8,095,444.48 | 8,980,374.58 |
| Provision for renewals | 1,127,242.22 | 1,606,458.27 |
| Provision for contingencies, etc. | 3,117,605.94 | 2,893,784.93 |
| Sinking fund | 1,738,183.90 | 1,794,591.02 |
| TOTAL COST OF POWER | 20,428,600.53 | 23,526,187.46 |
| Less: | | |
| Amount appropriated from the contingencies reserve of the system and applied in reduction of the cost of power | ........ | ........ |
| Net total | 20,428,600.53 | 23,526,187.46 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts | 21,664,808.55 | 24,467,322.68 |
| Net balance credited or charged to municipalities under cost contracts | 1,236,208.02<br>Credited | 941,135.22<br>Credited |

### GEORGIAN BAY

| Year | 1929 | 1930 |
|---|---|---|
| | $ c. | $ c. |
| CAPITAL INVESTMENT | 6,310,034.95 | 7,940,666.96 |
| Power purchased | 32,245.28 | 53,201.27 |
| Operation, maintenance and administration | 313,246.50 | 360,061.28 |
| Interest | 255,110.13 | 299,428.66 |
| Provision for renewals | 78,574.72 | 92,375.30 |
| Provision for contingencies, etc. | 52,462.33 | 35,695.22 |
| Sinking fund | 59,641.34 | 69,344.10 |
| TOTAL COST OF POWER | 791,280.30 | 910,105.83 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts | 873,568.95 | 926,692.34 |
| Net balance credited or charged to municipalities under cost contracts | 82,288.65<br>Credited | 16,586.51<br>Credited |

## RESPECTING THE SYSTEMS OF THE COMMISSION

SYSTEM

| 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 208,501,899.28 | 207,977,388.63 | 208,143,427.49 | 208,626,540.68 | 210,332,868.06 |
| 3,979,524.00 | 5,513,435.12 | 6,738,406.63 | 6,872,793.14 | 8,232,968.05 |
| 5,653,006.77 | 4,893,571.40 | 4,800,173.78 | 4,821,848.99 | 4,378,261.93 |
| 9,502,526.86 | 10,691,491.55 | 10,445,990.16 | 10,138,022.77 | 9,891,871.69 |
| 1,391,105.25 | 1,579,701.50 | 1,628,176.44 | 1,627,164.82 | 1,633,187.66 |
| 617,820.29 | 118,462.65 | 125,698.79 | 129,514.12 | 133,744.87 |
| 1,872,727.14 | 1,977,928.39 | 1,883,199.99 | 1,987,207.74 | 1,973,389.31 |
| 23,016,710.31 | 24,774,590.61 | 25,621,645.79 | 25,576,551.58 | 26,243,423.51 |
| .............................. | 2,544,648.63 | 4,236,606.73 | 2,869,828.36 | 2,878,831.21 |
| 23,016,710.31 | 22,229,941.98 | 21,385,039.06 | 22,706,723.22 | 23,364,592.30 |
| 23,752,132.85 | 22,459,448.97 | 21,096,722.06 | 22,543,780.63 | 23,292,490.97 |
| 735,422.54<br>Credited | 229,506.99<br>Credited | 288,317.00<br>Charged | 162,942.59<br>Charged | 72,101.33<br>Charged |

SYSTEM

| 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 8,203,445.46 | 8,329,025.78 | 8,394,645.25 | 8,427,278.77 | 8,478,201.80 |
| 64,410.77 | 18,810.77 | 27,316.52 | 43,832.70 | 39,281.63 |
| 438,941.70 | 483,137.12 | 440,008.76 | 409,286.71 | 384,446.80 |
| 356,655.71 | 412,557.36 | 396,690.67 | 380,745.19 | 371,615.62 |
| 121,800.88 | 124,737.66 | 128,111.66 | 129,844.11 | 131,083.26 |
| 47,827.76 | 54,229.21 | 57,148.73 | 43,570.17 | 44,390.15 |
| 83,789.13 | 86,698.15 | 87,826.94 | 88,348.64 | 88,746.21 |
| 1,113,425.95 | 1,180,170.27 | 1,137,103.28 | 1,095,627.52 | 1,059,563.67 |
| 1,050,823.94 | 1,161,831.25 | 1,163,135.32 | 1,181,960.85 | 1,154,986.69 |
| 62,602.01<br>Charged | 18,339.02<br>Charged | 26,032.04<br>Credited | 86,333.33<br>Credited | 95,423.02<br>Credited |

## COMPARATIVE FINANCIAL STATEMENTS

### EASTERN ONTARIO

| Year | 1929 | 1930 |
|---|---|---|
| | $ c. | $ c. |
| CAPITAL INVESTMENT | 20,447,230.08 | 20,917,182.90 |
| Power purchased | 440,595.40 | 522,732.86 |
| Operation, maintenance and administration | 932,194.87 | 934,766.36 |
| Interest | 810,478.17 | 913,872.57 |
| Provision for renewals | 196,129.59 | 214,924.91 |
| Provision for contingencies | 260,564.74 | 115,160.41 |
| Sinking fund | 151,030.71 | 158,835.47 |
| TOTAL COST OF POWER | 2,790,993.48 | 2,860,292.58 |
| Appropriated from contingencies reserve to cover shortage on operation of local distribution systems | | |
| Net total | 2,790,993.48 | 2,860,292.58 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts | 3,025,908.37 | 3,051,987.02 |
| Excess revenue over cost of power | 234,914.89 | 191,694.44 |
| Profit from sale of power to companies and/or local distribution systems, transferred to contingencies reserve | 148,980.44 | 117,244.91 |
| Net balance credited to municipalities under cost contracts | 85,934.45 | 74,449.53 |

### THUNDER BAY

| Year | 1929 | 1930 |
|---|---|---|
| | $ c. | $ c. |
| CAPITAL INVESTMENT | 15,325,411.00 | 17,645,796.31 |
| Power purchased | 3,161.50 | 474.00 |
| Operation, maintenance and administration | 191,903.99 | 225,693.87 |
| Interest | 662,675.66 | 655,340.84 |
| Provision for renewals | 109.200.41 | 112,798.56 |
| Provision for contingencies, etc. | 332,981.76 | 346,252.43 |
| Sinking fund | 132,343.09 | 137,011.32 |
| TOTAL COST OF POWER | 1,432,266.41 | 1,477,571.02 |
| Amount appropriated from contingencies reserve of the system and applied in reduction of the cost of power | | |
| Net total | 1,432,266.41 | 1,477,571.02 |
| REVENUE from municipalities at interim rates, from rural consumers and from private customers under flat rate contracts | 1,454,080.66 | 1,481,978.47 |
| Net balance credited or charged to municipalities under cost contracts | 21,814.25 Credited | 4,407.45 Credited |

## RESPECTING THE SYSTEMS OF THE COMMISSION

### SYSTEM

| 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 21,570,767.11 | 21,060,823.96 | 19,372,833.44 | 19,851,622.12 | 20,096,487.78 |
| 637,903.94 | 698,627.59 | 771,050.62 | 833,980.26 | 849,295.63 |
| 981,514.88 | 918,978.04 | 761,603.57 | 724,389.50 | 719,353.15 |
| 938,745.56 | 968,995.87 | 894,253.67 | 913,406.78 | 848,533.52 |
| 241,193.70 | 248,330.65 | 227,793.09 | 242,903.39 | 250,839.49 |
| 110,668.22 | 119,387.64 | 83,188.62 | 84,924.08 | 86,456.30 |
| 167,272.84 | 171,432.37 | 173,029.78 | 174,813.02 | 184,228.67 |
| 3,077,299.14 | 3,125,752.16 | 2,916,919.35 | 2,974,417.03 | 2,938,706.76 |
| | | | 115.28 | |
| 3,077,299.14 | 3,125,752.16 | 2,916,919.35 | 2,974,301.75 | 2,938,706.76 |
| 3,232,921.80 | 3,199,177.07 | 2,920,450.19 | 3,084,008.59 | 3,182,930.67 |
| 155,622.66 | 73,424.91 | 3,530.84 | 109,760.84 | 244,223.91 |
| 136,927.20 | 48,122.89 | 1,281.64 | | |
| 18,695.46 | 25,302.02 | 2,249.20 | 109,706.84 | 244,223.91 |

### SYSTEM

| 1931 | 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 18,406,363.39 | 18,480,738.51 | 18,630,772.18 | 18,679,610.73 | 18,669,882.13 |
| | | | | |
| 217,397.15 | 203,224.26 | 214,729.82 | 215,991.04 | 225,840.86 |
| 879,477.46 | 1,017,730.35 | 972,869.43 | 912,622.62 | 897,013.99 |
| 151,173.65 | 147,471.19 | 149,518.82 | 160,490.28 | 160,523.21 |
| | 132.36 | 869.29 | 1,140.37 | 1,190.36 |
| 135,813.13 | 137,066.04 | 140,993.98 | 148,323.24 | 148,735.40 |
| 1,383,861.39 | 1,505,624.20 | 1,478,981.34 | 1,438,567.55 | 1,433,303.82 |
| | 143,499.15 | 41,359.65 | | |
| 1,383,861.39 | 1,362,125.05 | 1,437,621.69 | 1,438,567.55 | 1,433,303.82 |
| 1,339,046.63 | 1,235,438.17 | 1,380,099.79 | 1,383,066.52 | 1,436,074.07 |
| 44,814.76<br>Charged | 126,686.88<br>Charged | 57,521.90<br>Charged | 55,501.03<br>Charged | 2,770.25<br>Credited |

able to these great sums, heretofore advanced by the Province for The Hydro-Electric Power Commission capital expenditures. They form in reality capital advances which earn not only interest and renewal reserves, but sinking fund sufficient to liquidate the entire capital investment of The Hydro-Electric Power Commission within a maximum period of forty years from the time the capital was invested. The amortization period is as low as ten years in the case of recent investments in power developments for mining purposes in the extreme northwestern part of the Province. Not one dollar has come from the taxpayers of the Province to meet any expenditure for interest or other capital charges upon the money advanced by the Province to The Hydro-Electric Power Commission on account of the cost-contract municipalities.

It is, therefore, sound public policy to remove the report of this part of the debt of the Province from the general debt statistics, and to indicate that while the capital invested for hydro-electric service is an indirect liability of the Province, there is no likelihood of the taxpayers of Ontario being called upon to meet any part, at any time, of the capital charges or of the moneys required to repay the advances made to The Hydro-Electric Power Commission.

These remarks apply to the four groups of municipalities embraced in the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems. They are in part applicable also to the Northern Ontario properties. In respect to the power developments in that part of the Province north of the French river and lake Nipissing, the Commission believes that these properties will not only shortly carry their own capital charges but will provide surplus revenues for necessary extensions and improvements without cost to the Provincial Treasury.

### Rural Power

Since the inauguration of the movement for the extension of the services of the Commission into the townships and hamlets of the Province, not included among the cost contract municipalities, the Legislative Assembly has authorized the making of grants for the construction of primary and secondary lines to serve the population of the hamlets and farms. These grants—uniformly half the first cost of primary and secondary rural lines—are the only moneys provided by the Province at the general cost of the taxpayer for the construction of Hydro plant. They have been made chiefly as a measure of social betterment. It is doubtful if as much as half of the existing mileage, now almost 10,000 miles in extent, of rural distribution systems would have been constructed without these grants in aid. The amount so expended up to the present time totals $9,489,670, divided among the various systems as follows:—

| | |
|---|---|
| Niagara | $6,820,965 |
| Georgian Bay | 814,942 |
| Eastern Ontario | 1,737,371 |
| Thunder Bay | 60,376 |
| Manitoulin R.P.D. | 29,454 |
| Northern Ontario properties | 26,562 |

The grants have carried with them a very general public approval. Their continuance will enable the Commission to construct in the future additional rural lines.

## Capital Investment

The total investment of The Hydro-Electric Power Commission of Ontario in power undertakings and hydro-electric railways is $295,760,459.12, exclusive of government grants in respect of construction of rural power districts' lines; and the investment of the municipalities in distributing systems and other assets is $112,240,515.88, making in power and hydro-electric railway undertakings a total investment of $408,000,975.00.

The following statement shows the capital invested in the respective systems, districts and municipal undertakings:

| | |
|---|---|
| Niagara system | $210,332,868.06 |
| Georgian Bay system | 8,478,201.80 |
| Eastern Ontario system | 20,096,487.78 |
| Thunder Bay system | 18,669,882.13 |
| Manitoulin rural power district | 35,315.74 |
| Nipissing rural power districts | 27,305.40 |
| Northern Ontario properties | 30,739,704.70 |
| Hydro-Electric railways | 2,263,182.49 |
| Office and service buildings, construction plant, inventories, etc. | 5,117,511.02 |
| | $295,760,459.12 |
| Municipalities' distribution systems—all systems | 91,756,564.75 |
| Other assets of municipal Hydro utilities (exclusive of $32,609,979.83 of municipal sinking-fund equity in H-E.P.C. system)—all systems | 20,483,951.13 |
| | $408,000,975.00 |

## Reserves of Commission and Municipal Electric Utilities

The total reserves of the Commission and the municipal electric utilities for sinking fund, renewals, contingencies and insurance purposes amount to $148,474,209.03, made up as follows:

| | |
|---|---|
| Niagara system | $57,685,920.71 |
| Georgian Bay system | 3,449,255.67 |
| Eastern Ontario system | 6,663,121.77 |
| Thunder Bay system | 3,960,711.75 |
| Manitoulin rural power district and Nipissing rural power districts | 15,930.17 |
| Northern Ontario properties | 1,475,621.19 |
| Office and service buildings and equipment | 797,255.70 |
| Bonnechere storage | 7,373.03 |
| Total reserves in respect of Commission's properties | $74,055,189.99 |
| Hydro-electric railways (Guelph) | 144,873.11 |
| Insurance, workmen's compensation and staff pensions | 5,167,636.35 |
| Total reserves of the Commission | $79,367,699.45 |
| Total reserves and surplus of municipal electric utilities | 69,106,509.58 |
| Total Commission and municipal reserves | $148,474,209.03 |

The consolidated balance sheet of the municipal electric utilities, on page 277, shows a total cash balance of $2,927,485.90, and bonds and other investments of $2,593,633.59. The total surplus in the municipal books now amounts to $48,236,542.76, in addition to depreciation and sundry other reserves aggregating $20,869,966.82; these two amounts making the total of $69,106,509.58 shown in the above table. The net increase in the municipal utilities' local reserves and surplus was $4,878,294.76 and the net increase in the total of Commission and municipal reserves for the year was $10,031,200.41. The increase of reserves since 1925 has been $101,838,994.84.

### Revenue of Commission

The revenue of the Commission at interim rates from the municipal utilities operating under cost contracts, from customers in rural power districts and from other customers with whom—on behalf of the municipalities—the Commission has special contracts, all within the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems, Manitoulin Island and Nipissing rural power districts aggregates $29,085,571.37. The revenue of the Commission from customers served by the Northern Ontario properties, which are held and operated in trust for the Province, is $1,684,376.06, making a total of $30,769,947.43.

Summarized operating results of these systems and rural power districts, and of the Northern Ontario properties, follow:

### OPERATING RESULTS OF THE SYSTEMS

| | | |
|---|---|---|
| Revenue from municipal electric utilities and other power customers | $26,182,762.53 | |
| Revenue from customers in rural power districts | 2,902,808.84 | |
| Total revenue, systems and rural | | $29,085,571.37 |
| Operation, maintenance, administration, interest and other current expenses | $26,853,477.63 | |
| Reserves for sinking fund, renewals, contingencies and obsolescence provided in the year | 4,840,488.17 | |
| Total expenses and reserves | $31,693,965.80 | |
| Less: Appropriated from contingencies reserve | 2,878,831.21 | |
| Net total | | 28,815,134.59 |
| Net balance credited to municipalities under cost contracts | | $ 270,436.78 |

### OPERATING RESULTS OF THE NORTHERN ONTARIO PROPERTIES

| | | |
|---|---|---|
| Revenue from customers | | $ 1,684,376.06 |
| Operation, maintenance, administration, interest and other current expenses | $ 1,494,069.43 | |
| Reserves for sinking fund, renewals and contingencies | 578,361.20 | |
| Total expenses and reserves | | 2,072,430.63 |
| Balance, which is charged to Province of Ontario, subject to repayment out of any future surplus earnings of the properties | | $ 388,054.57 |

### Rural Electrical Service

There is now rather more than $19,180,000 invested in the rural power district systems established by the Commission. Towards this rural electrification work the Ontario Government, pursuant to its policy of promoting the basic industry of agriculture, has, in the form of grants-in-aid, contributed 50 per cent of the costs of transmission lines and equipment, or about $9,490,000.

Segregated from the summary of the Commission's operating revenues as a whole, which has been presented above, the data relating to rural power districts show in the aggregate a revenue from rural customers of $2,902,808.84 which was $27,310.66 more than the total cost, including reserve requirements computed at the customary rates.

## RURAL POWER DISTRICTS—OPERATIONS FOR THE YEAR 1935

| | Niagara system | Georgian Bay system | Eastern Ontario system | Thunder Bay system | Manitoulin rural power district | Nipissing rural power district | Totals |
|---|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Cost of power as provided to be paid under Power Commission Act | 851,952.21 | 104,670.13 | 175,110.10 | 4,168.52 | 3,750.00 | 5,020.05 | 1,144,671.01 |
| Cost of operation, maintenance and administration | 474,122.83 | 53,270.75 | 116,522.52 | 3,489.31 | 1,372.12 | 2,170.46 | 650,947.99 |
| Interest | 300,271.00 | 38,720.58 | 77,408.44 | 2,889.18 | 1,583.51 | 1,098.62 | 421,971.33 |
| Renewals | 267,088.56 | 32,836.34 | 67,591.23 | 2,380.72 | 1,288.90 | 944.76 | 372,130.51 |
| Obsolescence and contingencies | 133,544.28 | 16,418.17 | 33,773.29 | 1,190.36 | 644.45 | 472.38 | 186,042.93 |
| Sinking fund | 71,238.47 | 9,126.31 | 18,120.12 | 626.72 | 370.16 | 252.63 | 99,734.41 |
| Total expenses | 2,098,217.35 | 255,042.28 | 488,525.70 | 14,744.81 | 9,009.14 | 9,958.90 | 2,875,498.18 |
| Revenue from customers | 2,123,547.16 | 255,141.45 | 491,418.30 | 13,612.96 | 8,382.18 | 10,706.79 | 2,902,808.84 |
| Balances credited to districts or charged to municipalities comprising districts: | | | | | | | |
| Net credit, all districts | 25,329.81 | 99.17 | 2,892.60 | | | 747.89 | 29,069.47 |
| Net charge, all districts | | | | 1,131.85 | 626.96 | | 1,758.81 |
| Net credit, all systems | | | | | | | 27,310.66 |

### Municipal Electric Utilities

The following is a summation of the year's operation of the local electric utilities conducted by municipalities receiving power under cost contracts with the Commission:

| | | |
|---|---|---|
| Total revenue collected by the municipal electric utilities | | $33,009,939.17 |
| Cost of power | $20,053,676.40 | |
| Operation, maintenance and administration | 5,169,172.51 | |
| Interest | 2,040,130.35 | |
| Sinking fund and principal payments on debentures | 2,423,088.34 | |
| Depreciation and other reserves | 2,076,322.24 | |
| Total | | 31,762,389.84 |
| Surplus | | $ 1,247,549.33 |

With regard to the local Hydro utilities operating under cost contracts, the following statements summarize for each of the four co-operative systems administered by the Commission, the financial status and the year's operations as detailed in Section X of the Report.

### Niagara System

The total plant assets of the Niagara system utilities amount to $78,879,732.52. The total assets, including an equity in the H-E.P.C. of $28,796,956.95 aggregate $123,926,898.90. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in the H-E.P.C., amount to $55,805,541.09. The percentage of net debt to total assets is 34.8.

The total revenue of the municipal electric utilities served by this system was $27,079,675.86, an increase of $887,973.98, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $1,693,702.44, and providing $2,218,920.41 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Niagara system amounted to $587,620.62.

### Georgian Bay System

The total plant assets of the Georgian Bay System utilities amount to $2,765,508.11. The total assets, including an equity in the H-E.P.C. of $1,073,533.56 aggregate $4,428,785.04. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $2,708,085.62. The percentage of the net debt to total assets is 18.9.

The total revenue of the municipal electric utilities served by this system was $1,179,609.56, an increase of $9,688.35, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $77,416.60, and providing $61,067.65 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Georgian Bay system amounted to $113,088.26.

### Eastern Ontario System

The total plant assets of the Eastern Ontario System utilities amount to $7,600,413.87. The total assets, including an equity in the H-E.P.C. of $1,292,442.14 aggregate $11,290,104.77. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $7,492,938.37. The percentage of net debt to total assets is 18.4.

The total revenue of the municipal electric utilities served by this system was $3,447,126.13, an increase of $138,466.72, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $192,960.00, and providing $129,322.36 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Eastern Ontario System amounted to $426,949.79.

### Thunder Bay System

The total plant assets of the Thunder Bay System utilities amount to $2,510,910.25. The total assets, including an equity in the H-E.P.C. of $1,447,047.18 aggregate $5,204,707.00. The reserves and surplus accumulated in connection with the local utilities, exclusive of the equity in H-E.P.C., amount to $3,099,944.50. The percentage of net debt to total assets is 11.7.

The total revenue of the municipal electric utilities served by this system was $1,303,527.62, an increase of $3,420.04, as compared with the previous year. After meeting all expenses in respect of operation, including interest, setting up the standard depreciation reserve amounting to $40,489.68, and providing $13,777.92 for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electric utilities served by the Thunder Bay system amounted to $119,890.66.

* * *

The Honourable A. W. Roebuck and the Honourable T. B. McQuesten join with me in expressing appreciation of the wholehearted and highly efficient co-operation of the Heads of Departments and officials generally of the Commission in carrying on the operations of the past year. Many of them have been members of the staff from the beginning and have regarded the development of the plant and equipment of the Commission not so much as a job to be done, as a mission to be accomplished for the people of the Province.

I wish to repeat the assurance given in the report of last year, that grievances presented by any of the hundreds of thousands of consumers throughout the Province will be enquired into without prejudice and settled with a desire to do justice in every case.

As in the Fall of 1934, there was again a less urgent demand for energy for manufacturing purposes during the months of October and November 1935, except in the case of the heavy iron and steel industries. Since the turn of the year the Commission's power loads have again increased to a satisfactory degree, and the Commission looks forward to a substantial addition during the year ending October 31, 1936, to the industrial power demand in every system.

The increase in the use of power for gold mining in the north and for metallurgical processes in the Sudbury Districts foreshadows a very marked increase, during the present year, in the output of gold and base metals throughout Northern Ontario. This in turn must react favourably upon the metal industries in all the principal cities of the Province, especially those engaged in iron and steel manufacturing for northern consumption.

Respectfully submitted,

T. Stewart Lyon,

*Chairman*

Toronto, Ontario, March 31st, 1936.

T. Stewart Lyon, Esq.,

*Chairman, The Hydro-Electric Power Commission of Ontario,*
*Toronto, Ontario.*

Sir,—I have the honour to submit the Twenty-Eighth Annual Report of The Hydro-Electric Power Commission of Ontario. The Report covers the operations of the Commission for the fiscal year which ended October 31st, 1935. In it are incorporated, as Section X, financial statements and statistical data relating to the "Hydro" utilities of the partner municipalities.

I have the honour to be,
Sir,
Your obedient servant,

A. Murray McCrimmon

*Secretary and Controller*

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# TWENTY-EIGHTH ANNUAL REPORT
OF
# The Hydro-Electric Power Commission of Ontario

---

## FOREWORD
and
## Guide to the Report

THE Hydro-Electric Power Commission of Ontario administers a co-operative municipal-ownership enterprise, supplying power throughout the Province of Ontario. The Commission was created in 1906 by special act of the Legislature and followed investigations by advisory commissions appointed as a result of public agitation to prevent monopoly and to provide a more satisfactory supply of low cost power in Southern Ontario. In 1907 The Power Commission Act (7-Edward VII Ch. 19) was passed amplifying and extending the Act of 1906 and this Act—modified by numerous amending acts which now form part of the Revised Statutes of Ontario, 1927, Chap. 57—constitutes the authority under which the Commission operates.

The Hydro-Electric Power Commission of Ontario consists of a Chairman and two Commissioners, all of whom are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One of the Commissioners must be a member of the Executive Council and two may be members.

In 1909, work was commenced on a comprehensive transmission system and by the end of 1910 power was being supplied to several municipalities.

The Commission has now been supplying electrical energy for more than twenty-five years and the Report contains diagrams depicting the growth of the enterprise. During this period the costs of electricity to the consumer have been substantially reduced and the finances of the enterprise have been established on a secure foundation.

At the end of 1935 the Commission was serving 766 municipalities in Ontario. This number included 26 cities, 95 towns, 273 villages and police villages and 372 townships. With the exception of 14 suburban sections of townships known as "voted areas," the townships and 93 of the smaller villages are served as parts of 171 rural power districts.

### Financial Features

The basic principle governing the financial operations of the undertaking is, that electrical service be given by the Commission to the municipalities and by the municipalities to the ultimate consumers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment and reserves for renewals or depreciation and for obsolescence and contingencies, but also a reserve for sinking fund or capital payments on debentures.

The undertaking from its inception has been entirely self-supporting and no contributions have been made from general taxes except in connection with service in rural power districts. In this case, the Province, in pursuance of its long established policy of assisting agriculture and with the approval of the urban citizens, assists extension of rural electrical service by a grant-in-aid of the capital cost and in other ways as specified and detailed in the Report.

As the principle of "service at cost" is radically different from that obtaining in private organizations, where profit is the governing feature, it naturally results in different and in some ways unique administrative features.

The undertaking as a whole involves two distinct phases of operations as follows:

The FIRST phase of operations is the provision of the electrical power—either by generation or purchase—and its transformation, transmission and delivery in *wholesale* quantities to individual municipal utilities, to large industrial consumers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario as trustee for the municipalities acting collectively in groups or "systems," and the financial statements relating to these collective activities of the municipalities are presented in Section IX of the Report. Each system of municipalities, as provided in *The Power Commission Act* forms an independent financial unit and the accounts are therefore segregated and separately presented for each system. In order, however, that there may be a comprehensive presentation of the co-operative activities of the undertaking as a whole, there are presented, in addition, for the four main systems and miscellaneous co-operative activities, a balance sheet of assets and liabilities, a summary combined operating and income account and a summary combined statement respecting the various reserves.

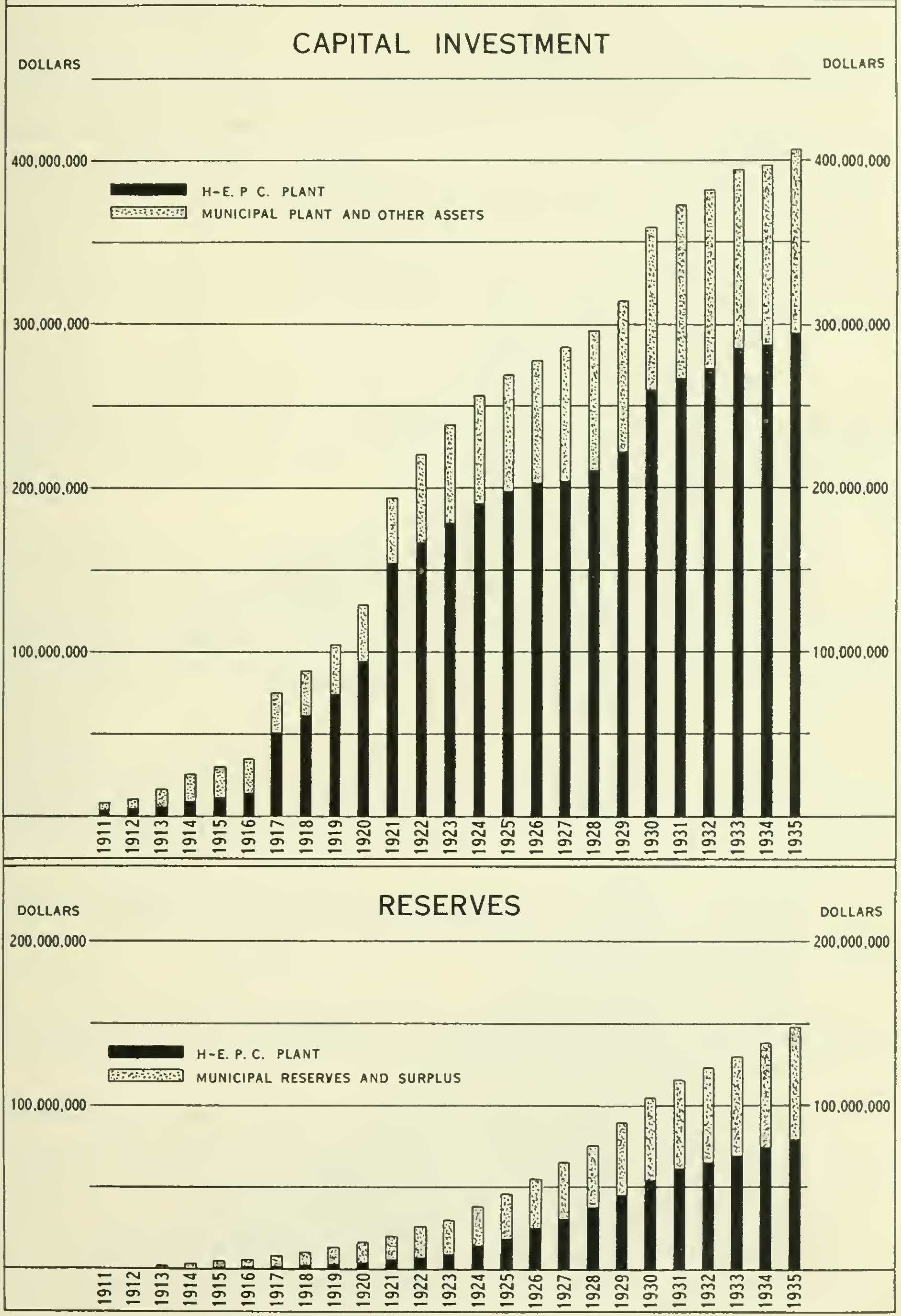
For the Northern Ontario properties operated by the Commission on behalf of the Province there are also presented in Section IX financial statements including a balance sheet; an operating and income account, and statements respecting reserves and capital expenditures.

The SECOND phase of operation is the *retail* distribution of electrical energy to consumers within the limits of the areas served by the various municipal utilities and rural power districts. In the case of rural power districts, which usually embrace portions of more than one township, The Hydro-Electric Power Commission not only provides the power at wholesale, but also—on behalf of the respective individual townships—attends to all physical and financial operations connected with the distribution of energy at retail to the consumers within the rural power districts. The financial statements relating to the rural power districts are also presented in Section IX of the Report.

In the case of cities, towns, many villages and certain thickly populated areas of townships, retail distribution of electrical energy provided by the Commission is in general conducted by individual local municipal utility commissions under the general supervision of The Hydro-Electric Power Commission of Ontario. The balance sheets, operating reports and statistical data relating to the individual urban electrical utilities are presented in Section X of the Report.

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## TWENTY-FIVE YEARS RECORD — ALL SYSTEMS



CAPITAL INVESTMENT

RESERVES

Further details respecting administration, and explanations of the financial tables presented in the Report are given in the introductions to sections IX and X on pages 135 and 267.

### Systems Operating

From time to time in accordance with provisions in *The Power Commission Act* various groups of municipalities have been co-ordinated to form systems for the purpose of obtaining power supplies from convenient sources. In some cases these small systems grew until their transmission lines interlocked with those of adjacent systems and it proved beneficial to consolidate the transmission networks and the financial and administrative features. In the well settled parts of the Province, known as Old Ontario, this process has now reached a more stable condition and the municipalities of the southern part of the Province are now combined in three systems: the Niagara system, the Georgian Bay system and the Eastern Ontario system. One other system of partnership municipalities is known as the Thunder Bay system.

*The Niagara System* is the largest and most important system. It embraces municipalities in all the territory between Niagara Falls, Hamilton and Toronto on the east and Windsor, Sarnia and Goderich on the west. It is served with electrical energy generated at plants on the Niagara river, supplemented with power transmitted from generating plants on the Ottawa river and with power purchased from Quebec companies.

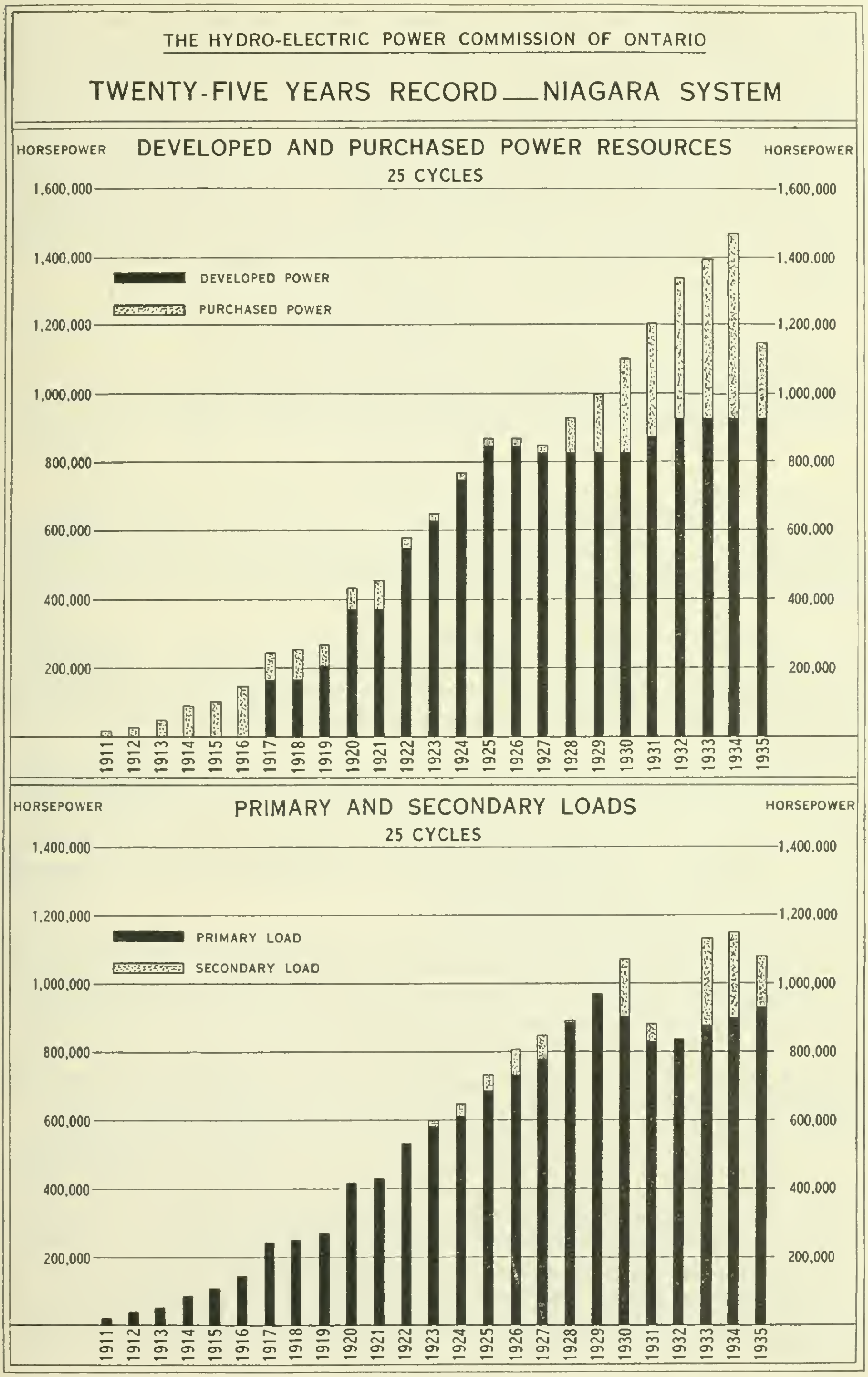
*The Georgian Bay System* comprises municipalities in that part of the Province which surrounds the southern end of Georgian bay and lies to the north of the territory served by the Niagara system. It includes the districts surrounding lake Simcoe and extends as far north as Huntsville in the Lake of Bays district and south to Port Perry. Its power supplies are derived chiefly from local water power developments.

*The Eastern Ontario System* serves all of Ontario east of the areas comprising the Georgian Bay and the Niagara systems. It includes the districts of Central Ontario, St. Lawrence, Rideau, Ottawa and Madawaska; formerly separate systems. Its power supplies are from local developments supplemented by purchases from other sources.

*The Thunder Bay System* comprises the cities of Port Arthur and Fort William, adjacent rural sections and the village of Nipigon. Two developments on the Nipigon river supply power.

A small rural district known as *Manitoulin Rural Power District* on Manitoulin island in the northern area of lake Huron is served by the Commission as an independent unit.

*Northern Ontario Properties.* In addition to its operations on behalf of the partner municipalities, the Commission, under an agreement with the Province, holds and operates the Northern Ontario Properties in trust for the Province. For the purposes of financial administration these properties are treated as one unit. The Northern Ontario Properties lie in the portion of the Province north of Lake Nipissing and French River areas, exclusive of the territory served by the Thunder Bay system. The principal areas in this vast territory at


THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

TWENTY-FIVE YEARS RECORD—NIAGARA SYSTEM

**NOTE:** Diagram depicts conditions for December, which correspond closely to winter peak conditions present receiving service are the *Nipissing District* centering around the city of North Bay on the shore of lake Nipissing; the *Sudbury District* comprising the city of Sudbury and the adjacent mining area known as Sudbury Basin; the *Abitibi District* comprising the territory served by 25-cycle power from the Abitibi Canyon development; the *Espanola District* in the southern portion of the district of Sudbury serving mining properties with 60-cycle power; the *Patricia District* comprising the territory within transmission distance of the Ear Falls development at the outlet of Lac Seul on the English river including the Red Lake mining area, and *St. Joseph District* comprising the territory immediately north of lake St. Joseph in the territorial district of Patricia served with power from a development at Rat Rapids on the Albany river.

The geographic boundaries of the various systems are shown on the map of transmission lines and stations at the back of the Report.

The power supplies for the systems and Northern Ontario districts are listed in the first table of Section II of the Report on pages 8 and 9.

### The Annual Report

The table of contents, pages xxiii and xxiv lists the matters dealt with in the Report. At the end of the Report there is a comprehensive index. To those not conversant with the Commission's Reports, the following notes will be useful.

In Section II, pages 6 to 57 dealing with the operations of the systems are a number of diagrams showing graphically the monthly loads on the several systems and districts. Tables are also presented showing the amounts of power taken by the various municipalities in October during the past three years.

The rural distribution work of the Commission has proved of widespread interest and special reference to this is made in Section III on pages 65 to 86.

In Sections IV, V and VI will be found information respecting progress of work on new power developments and on transmission system extensions, together with photographic illustrations.

About one-half of the Report is devoted to financial and other statistical data which are presented in two sections IX and X already referred to above.

Frequent enquiries for the rates for service to consumers are received by the Commission. For the urban municipalities served by the Commission these are given in statement "E" starting on page 414. For the rural power districts they are given in a table starting on page 80. Certain statistical data resulting from the application of the rates in urban utilities are given in statement "D" starting on page 396. This statement is prefaced by a special introduction.

In its Annual Reports the Commission aims to present a comprehensive statement respecting the activities of the whole undertaking under its administration. Explanatory statements are suitably placed throughout the Report. The Commission receives many letters asking for general information respecting its activities, as well as requests for specific information concerning certain phases of its operations. In most cases these enquiries can satisfactorily be answered by simply directing attention to information presented in the Annual Report.

# SECTION I

## LEGAL

AT the 1935 Session of the Legislative Assembly of the Province of Ontario two Acts respecting The Hydro-Electric Power Commission of Ontario were passed. These are reproduced in full in Appendix I of this Report. The short titles to the said Acts are as follows:

The Power Commission Act, 1935, Chapter 53.
The Power Commission Amendment Act, 1935, Chapter 54.

The agreements between The Hydro-Electric Power Commission of Ontario and the municipalities and corporations mentioned in the list hereunder given were approved by Order-in-Council, dated the 21st day of November, 1935.

### VILLAGES

| | |
|---|---|
| Streetsville | December, 3, 1934 |

### TOWNSHIPS

| | |
|---|---|
| Ameliasburg | June 12, 1935 |
| Anson and Hindon | September 27, 1935 |
| East Hawkesbury | June 11, 1934 |
| East Zorra | September 17, 1934 |
| Minden | October 1, 1935 |
| Ross | August 3, 1935 |
| Scott | October 5, 1935 |
| Sophiasburg | April 25, 1935 |
| Storrington | November 12, 1934 |
| Westmeath | June 15, 1935 |

### CORPORATIONS

| | |
|---|---|
| Burlington Steel Co., Ltd. | November 28, 1934 |
| Hollinger Consolidated Gold Mines, Limited | October 23, 1934 |
| Lionite Abrasives Limited | May 1, 1935 |
| Norton Company | August 31, 1935 |

## RIGHT-OF-WAY AND PROPERTIES

The Commission as trustee for the co-operating municipalities of the several systems, and as trustee for the Provincial Government in Northern Ontario has vested in it, or controls through ownership of subsidiary companies, a large amount of real estate throughout the Province. This real estate comprises power sites, storage basins, land held to avoid consequential damages, right-of-way and lands occupied by generating stations, transformer and distributing stations, and administration buildings. In respect to the 5,600 miles of high-voltage transmission lines, and the 10,000 miles of distribution lines in rural power districts, the Commission's right varies from direct ownership to rights held through easements, and leases for occupation with the right to overhang or tree trim thereon.

The Commission, where vested in the fee, endeavours to obtain from the lands under its jurisdiction the maximum revenue consistent with its own use. Lands which have come into the Commission's possession, and which are not immediately required for its purposes are, where possible, leased until the need arises for their use, and an endeavour is made to dispose of all lands not required.

The acquirement and administration of land owned, leased or controlled involves surveys, investigation of title, registrations, record, assessment and taxes.

In connection with the transmission and distribution networks throughout the Province, it is frequently necessary to obtain the approval of such controlling bodies as the Board of Railway Commissioners for Canada, Ontario Municipal Board, Department of Railways and Canals, Department of Public Works, Department of Indian Affairs, Department of Crown Lands, or other corporate body having jurisdiction over the lands involved.

## The Year's Operations

During the year, agreements were made covering 250 crossings and leases, 428 easements for transmission line right-of-way, and 171 tree trimming rights upon the lines hereinafter noted. In a few cases where a satisfactory settlement could not be effected by negotiation, the value and the rights involved were referred to the valuator, appointed under The Power Commission Act. In one case only was the award so made the subject of an appeal to the Ontario Municipal Board whose award closely corresponded to that of the valuator.

### Purchase of Sites

Sites were purchased for Port Perry rural station in the Georgian Bay system, and for Ramore transformer station and an operator's residence at Timmins in the Abitibi District of the Northern Ontario properties. Negotiations were also carried on for the purchase of transformer station sites at Timmins and Kirkland Lake in the same district.

### Railway Right-of-way—Sales of, and Easements

Due to the Windsor, Essex and Lake Shore Railway ceasing operation, and its control passing to the Guaranty Trust Company, trustees for the bondholders, an agreement was negotiated with the Trust Company for an easement for the transmission line on railway right-of-way between Essex transformer station and Essex distributing station.

An agreement with the Canadian National Railways for the purchase of the Toronto Suburban right-of-way and transmission line between Lambton and Georgetown was completed. Subject to the right of the Commission to maintain transmission lines thereon, the right-of-way is being resold where possible.

The portion of the right-of-way of the Metropolitan Division of the former Toronto and York Radial Railway between Newmarket and Keswick, which was acquired by the Commission from the City of Toronto for a transmission line, was resold to adjoining owners, subject to a reservation with respect to the transmission lines.

Plans and descriptions of lands owned by subsidiary companies of the Dominion Power and Transmission Company were prepared, and approximately 95 per cent of transfers were effected by deed to the Commission. Subject to a reservation of rights with respect to transmission lines occupying certain sections, a considerable portion of the right-of-way of the former Hamilton, Grimsby and Beamsville Electric Railway was sold to the Department of Public Highways, and the right-of-way of the Brantford and Hamilton Electric Railway from Ancaster to Brantford to adjoining owners.

### Lines in Rural Power Districts

Where possible, rural power lines are constructed on public highways or roads. In a few cases in order to avoid cutting trees, or owing to special local conditions, lines have been placed on private property. Frequently highway construction and improvement make it necessary to relocate existing pole lines. Wood-pole lines and extensions, involving easements, leases, etc., were constructed in the following rural power districts during 1935:

#### Niagara System

Amherstburg, Barton, Beamsville, Brant, Caledonia, Chatham, Delaware, Dundas, Elora, Essex, Goderich, Grantham, Guelph, Markham, Merlin, Niagara, Palmerston, Preston, Saltfleet, Sandwich, Scarboro, Simcoe, Stamford, Streetsville, St. Thomas, Tavistock, Tillsonburg, Wallaceburg, Walsingham, Waterdown, Welland, Woodbridge.

#### Georgian Bay System

Bala, Barrie, Beaumaris, Beaverton, Georgina, Hawkestone, Huntsville, Innisfil, Midland, Port Perry, Sparrow Lake, Utterson, Uxbridge.

#### Eastern Ontario System

Alexandria, Belleville, Bowmanville, Brighton, Brockville, Cobourg, Colborne, Fenelon Falls, Kingston, Martintown, Maxville, Napanee, Nepean, Newcastle, Oshawa, Peterboro, Renfrew, Smiths Falls, Trenton, Warkworth, Wellington, Williamsburg.

#### Thunder Bay System

Port Arthur.

### High- and Low-Voltage Transmission Lines

Right-of-way easements, leases, tree trimming and crossing rights were negotiated in connection with the following lines:

#### Niagara System

DeCew Falls generating station to Niagara Falls (Canadian Niagara Power), D.P. 1x4.
DeCew Falls generating station to Bartonville switching station, D.P. 1x70.
Smithville distributing station to Stoney Creek junction, D.P. 7x58.
Burlington distributing station to National Fireproofing junction, D.P. 13x1362.

Bartonville switching station to Ancaster distributing station, D.P. 70x24.
National Fireproofing junction to Notre Dame Academy, D.P. 1362x3.
Burlington Beach Commission, D.P. 2005.
Lincoln Electric Company, D.P. 3601.
Niagara transformer station to Toronto Power transformer station, N. 1x42.
Niagara transformer station to Allenburg junction, N. 1x54.
Dundas transformer station to Guelph transformer station, N. 2x5.
Dundas transformer station to Brant transformer station, N. 2x12.
London transformer station to Glendale junction, N. 4x465.
Guelph transformer station to Preston transformer station, N. 5x6.
Kitchener transformer station to Erbs junction, N. 7x86.
St. Marys transformer station to London transformer station, N. 9x4.
St. Thomas transformer station to Kent transformer station, N. 11x14.
St. Thomas transformer station to St. Clair transformer station, N. 11x18.
Cooksville transformer station to York transformer station, N. 13x16.
Cooksville transformer station to Cooksville Shale junction, N. 13x1363.
York transformer station to Strachan transformer station, N. 16x3.
Hamilton Beach transformer station to Hamilton Stirton transformer station, N. 17x48.
Ontario Power transformer station to Ontario Paper junction, N. 19x182.
Bridgman Davenport transformer station to Leaside transformer station, N. 31x34.
Wiltshire transformer station to Humber junction, N. 32x1660.
Toronto Power transformer station to Ontario Power transformer station, N. 42x19.
Thorold transformer station to Interlake Tissues junction, N. 44x4470.
Queenston Forebay towers to Holland Road junction, N. 50x89.
Holland Road junction to Pelham junction, N. 89x55.
Saltfleet junction to Hamilton Beach transformer station, N. 53x17.
Allanburg junction to Dundas transformer station, N. 54x2.
Fonthill junction to Pelham junction, N. 56x55.
Burlington junction to Islington junction, N. 59x66.
Halton junction to Cooksville transformer station, N. 60x13.
Islington junction to Wiltshire junction, N. 66x82.
Wiltshire junction to Bridgman Davenport transformer station, N. 82x31.
Erbs junction to Stratford transformer station, N. 86x8.
Wabash junction to Thorold transformer station, N. 95x44.
Port Robinson junction to Beaver Wood Fibre junction, N. 163x62.
Sharon distributing station to Keswick junction, N. 360x79.
St. Andrews junction to Pottageville distributing station, N. 376x93.
Delaware junction to Mount Brydges junction, N. 462x64.
Mount Brydges junction to Strathroy, N. 464x5.
Glendale junction to Delaware junction, N. 465x62.
Elginfield junction to Ailsa Craig distributing station, N. 472x42.
Cheltenham junction to Georgetown distributing station, N. 568x39.
Baden distributing station to Wellesley, N. 735x6.
Paris to Ayr junction, N. 1208x70.
Burford distributing station to Canadian Aggregates, N. 1234x27.
Lake Erie and Northern Railway junction to Brantford, N. 1262x1.
Lake Erie and Northern Railway (Simcoe) junction to St. Williams distributing station, N. 1267x53.
Port Credit junction to Port Credit distributing station, N. 1362x31.
Cooksville Shale junction to Britannia junction, N. 1363x68.
Streetsville junction to Milton, N. 1369x8.
Hurontario junction to Port Credit junction, N. 1375x62.
Prince Albert junction to Como junction, N. 1468x69.
Como junction to Dominion Sugar Company junction, N. 1469x83.
Fletcher junction to Tilbury distributing station, N. 1485x32.
Sandwich junction to Sandwich distributing station, N. 1569x39.
Amherstburg junction to Amherstburg distributing station, N. 1572x42.
Toronto Transportation Commission to Rifle Ranges junction, N. 1619x78.
Long Branch junction to Toronto Transportation Commission, N. 1672x19.
Albion Park junction to Albion Park distributing station, N. 1677x47.
Rifle Range junction to Port Credit junction, N. 1678x1362.
Forest junction to Petrolia distributing station, N. 1875x43.
Wanstead junction to Forest distributing station, N. 1876x45.
Federal junction to Ottawa switching station, N.A. 59x9.

### Georgian Bay System

Erbs junction to Hanover frequency-changer station, G. 86x36.

### Eastern Ontario System

Sidney transformer station to Trenton Air Station, C. 3x303.
Frankford generating station to Sidney transformer station, C. 5x3.
Heeley Falls generating station to Ontario Rock Company, C. 14x1401.
Auburn generating station to Lakefield distributing station, C. 18x1832.
Norwood distributing station to Hastings, C. 31x3103.
Newcomb junction to Welcome junction, C. 63x65.
Port Hope switching station to Newcastle distributing station, C. 66x22.
Belleville switching station to Belleville distributing station, C. 88x38.
Perth Road junction to Kingston switching station, C. 95x94.
Merrickville generating station to Grenville Crushed Rock Company, H. 7x10.
Grenville Crushed Rock Company to Kemptville distributing station, H. 10x9.
Williamsburg distributing station to Winchester distributing station, L. 7x4.
Eugene Phillips junction to Brockville distributing station; L. 72x3.
Lower Lakes Terminal junction to Prescott distributing station, L. 74x2.
Cornwall transformer station to Howard Smith Cornwall transformer station, Q. 6x7.
Carleton Place distributing station to Carleton Place junction, Q. 9x55.
Boundary junction to Ottawa junction, Q. 50x51.
Ottawa junction to Cornwall transformer station, Q. 51x6.
Ottawa junction to Smiths Falls transformer station, Q. 51x2.
Carleton Place junction to Smiths Falls junction, Q. 55x63.
Galetta junction to Pakenham junction, Q. 60x61.
Pakenham junction to Carleton Place distributing station, Q. 61x9.
Smiths Falls junction to Smiths Falls transformer station, Q. 63x2.
Arnprior junction to Galetta junction, Q. 67x60.
Renfrew distributing station to Cobden distributing station, Q.M. 16x1633.

### Thunder Bay System

Cameron Falls generating station to Alexander junction, P. 1x54.
Cameron Falls transformer station to Northern Empire Mines, P. 12x13.
Sprucewood junction to Dorion junction, P. 50x55.
Alexander junction to Reserve junction, P. 54x57.
Dorion junction to Port Arthur transformer station, P. 55x2.
Reserve junction to Sprucewood junction, P. 57x50.
William Street junction to Great Lakes Pulp & Paper Co., P. 59x8.

### Northern Ontario Properties

#### Nipissing District

Nipissing generating station to Nipissing village, Z. 1x101.

#### Sudbury District

Stobie junction to Treadwell Yukon, F.S. 55x102.

#### Abitibi District

Kirkland Lake transformer station to Matachewan transformer station, F.A. 16x17.
Kirkland Lake transformer station to Larder Lake transformer station, F.A. 16x21.
Ramore transformer station to Hollinger Consolidated Gold Mines, F.A. 18x1801.
Ramore transformer station to Vimy Gold Mines, F.A. 18x1802.
Timmins transformer station to Copper Cliff transformer station, F.A. 19x10.
Timmins transformer station to Central Porcupine Mines, F.A. 19x1901.
Timmins transformer station to Pamour Porcupine Mines, F.A. 19x1902.
Timmins transformer station to Paymaster Consolidated Mines, F.A. 19x1903.
Hunta junction to Timmins transformer station, F.A. 50x19.
Iroquois Falls junction to Kirkland Lake transformer station, F.A. 65x16.
Blezard Valley junction to Falconbridge transformer station, F.A. 70x20.

#### St. Joseph District

Rat Rapids development to Central Patricia Gold Mines, F.J. 1x2.

# SECTION II

## OPERATION OF THE SYSTEMS

### Operating Conditions

Rainfall during the past year was somewhat above normal in the districts drained by the rivers on which the Commission's generating stations are situated. The seasonal distribution of the rainfall was also favourable. These factors and a careful control of storage water, provided satisfactory stream flow at practically all plants. The plants on the Niagara river are to a large extent independent of variations in precipitation, their water diversion being limited by international treaty. Water supply to Queenston generating station is, however, affected by low levels in lake Erie. During the past year the lake was unusually low, reducing the water supply and the operating capacity of the station.

Severe wind-storms caused some damage to lines near Niagara Falls, Sarnia and Cornwall, but in general lines suffered little from either wind or sleet.

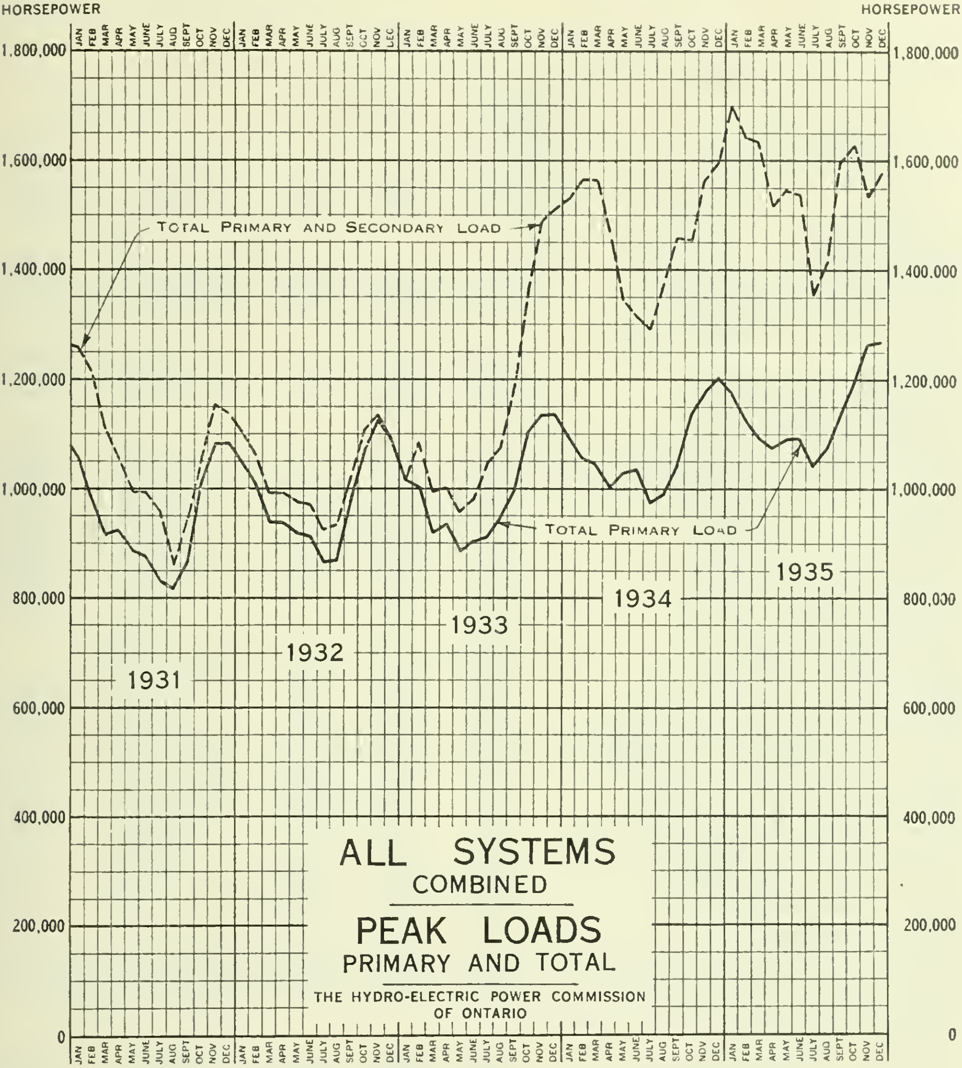
Equipment in the generating, transformer and distributing stations functioned satisfactorily. Except for minor failures of insulation under stresses set up by lightning and surges, no damage to equipment occurred.

Systematic inspection of apparatus and lines was continued, and adjustments and repairs made. All equipment was maintained in condition for reliable service, and for efficient operation under increasing load.

On October 21, the Commission ceased to take power from the Ottawa Valley Power Company at Chats Falls and on October 21, and 22, the takings from the Beauharnois Power Company and MacLaren Quebec Power Company were discontinued. This involved an increase in the delivery of power from Niagara Falls to Toronto and Hamilton and a re-arrangement of existing lines in the vicinity of Niagara Falls and Dundas, and of the system protective relays.

### Load Conditions

It is the total load, regardless of the purpose for which parts of it may be used, that governs operation and determines what apparatus can be released from service for inspection and repair. From an operating standpoint the total load carried by a station or line is of first importance. However, when load is being considered from a revenue viewpoint or as an index of general business conditions, it is important to distinguish between primary load, which is used for general industrial, commercial, residential and rural purposes at normal rates, and secondary load, which is used for special purposes



at low rates, and is subject to wide fluctuations in amount. Throughout this operating section figures are given for both the total load and the primary load, and care should be exercised to insure that the proper figure is taken according to the purpose for which it is to be used.

**Total Load**

The total load on all systems, as shown by the customary table of power generated and purchased given herein, amounted to 6,919,000,000 kilowatt-hours. This is an increase over last year of about 499,000,000 kilowatt-hours, or 7.8 per cent, and an increase over 1930, the highest pre-depression year, of 1,805,000,000 kilowatt-hours or 35 per cent.

The yearly peak load, i.e., the sum of the peak loads of all systems, was 1,728,000 horsepower, an increase of 8 per cent over 1934, and approximately

## TOTAL POWER GENERATED

### HYDRO-ELECTRIC GENERATING PLANTS

| Generating plants | Maximum normal plant capacity Oct. 31, 1935 horsepower | Peak load during fiscal year 1933-34 horse-power | Peak load during fiscal year 1934-35 horse-power | Total output during fiscal year 1933-34 kilowatt-hours | Total output during fiscal year 1934-35 kilowatt hours |
|---|---|---|---|---|---|
| **Niagara system** | | | | | |
| Queenston-Chippawa—Niagara river | 500,000 | 455,764 | 461,126 | 2,028,891,000 | 1,974,047,000 |
| "Ontario Power"—Niagara river | 180,000 | 164,879 | 174,933 | 549,339,000 | 758,356,000 |
| "Toronto Power"—Niagara river | 150,000 | 136,729 | 136,729 | 245,698,000 | 101,713,000 |
| Chats Falls (Ontario half)—Ottawa river | 96,000 | 97,185 | 96,515 | 222,959,000 | 298,333,450 |
| DeCew Falls—Welland canal | 50,000 | 47,450 | 45,845 | 120,348,300 | 118,476,000 |
| Steam Plant—Hamilton | 24,000 | 3,753 | ........... | —1,869,200 | —3,071,700 |
| **Georgian Bay system** | | | | | |
| South Falls—South Muskoka river | 5,600 | 5,866 | 5,630 | 20,391,840 | 25,496,160 |
| Hanna Chute—South Muskoka river. | 1,600 | 1,743 | 1,609 | 5,690,400 | 7,250,400 |
| Trethewey Falls—South Muskoka river | 2,300 | 2,145 | 2,145 | 8,258,400 | 9,756,000 |
| Bala No. 1 and 2—Muskoka river | 600 | 576 | 597 | 2,772,888 | 2,340,760 |
| Big Chute—Severn river | 5,800 | 5,791 | 5,737 | 19,740,840 | 21,468,960 |
| Wasdells Falls—Severn river | 1,200 | 1,139 | 1,099 | 3,599,520 | 3,684,900 |
| Eugenia Falls—Beaver river | 7,800 | 7,748 | 7,399 | 13,593.600 | 9,640,800 |
| Hanover—Saugeen river | 400 | 389 | 429 | 506,736 | 804,960 |
| Walkerton—Saugeen river | 500 | 476 | 476 | 1,900,800 | 1,862,200 |
| Southampton—Saugeen river | 300 | 0 | 0 | 0 | 0 |
| **Eastern Ontario system** | | | | | |
| Sidney—Dam No. 2—Trent river | 4,500 | 4,960 | 4,960 | 14,500,900 | 19,919,100 |
| Frankford-Dam No. 5—Trent river | 3,500 | 3,753 | 3,780 | 6,250,300 | 11,252,150 |
| Meyersburg-Dam No. 8—Trent river | 7,000 | 7,828 | 7,936 | 22,117,420 | 31,736,760 |
| Hague's Reach-Dam No. 9—Trent river | 4,500 | 5,295 | 4,893 | 12,502,030 | 20,008,740 |
| Ranney Falls-Dam No. 10—Trent river | 10,500 | 10,858 | 11,260 | 30,101,880 | 45,255,960 |
| Seymour-Dam No. 11—Trent river | 4,200 | 4,759 | 4,424 | 14,696,160 | 17,916,720 |
| Heely Falls-Dam No. 14—Trent river | 15,300 | 16,086 | 16,220 | 36,489,320 | 49,968,200 |
| Auburn-Dam No. 18—Otonobee river | 2,400 | 2,480 | 2,587 | 9,558,790 | 11,100,090 |
| Fenelon Falls-Dam 30—Sturgeon river | 1,000 | 1,046 | 938 | 1,176,550 | 1,845,800 |
| High Falls—Mississippi river | 3,000 | 3,264 | 3,318 | 7,325,640 | 6,359,520 |
| Carleton Place—Mississippi river | 400 | 228 | 469 | 840 | 80,208 |
| Calabogie—Madawaska river | 5,400 | 1,729 | 5,362 | 5,048,472 | 5,835,829 |
| Galetta—Mississippi river | 1,100 | 690 | 965 | 8,800 | 102,900 |
| **Thunder Bay system** | | | | | |
| Cameron Falls—Nipigon river | 73,500 | 73,100 | 73,994 | 269,658,000 | 300,348,000 |
| Alexander—Nipigon river | 50,000 | 53,300 | 52,547 | 221,205,600 | 239,030,400 |
| **Northern Ontario properties** | | | | | |
| **Nipissing district** | | | | | |
| Nipissing—South river | 2,100 | 2,279 | 2,205 | 6,392,080 | 5,550,880 |
| Bingham Chute—South river | 1,200 | 1,314 | 1,314 | 2,770,240 | 3,286,400 |
| Elliott Chute—South river | 1,700 | 1,944 | 1,903 | 2,916,200 | 3,826,400 |
| **Sudbury district** | | | | | |
| Coniston—Wanapitei river | 5,900 | 5,429 | 5,496 | 20,942,088 | 22,570,176 |
| McVittie—Wanapitei river | 2,900 | 2,882 | 2,815 | 17,013,624 | 16,508,784 |
| Stinson—Wanapitei river | 7,500 | 6,166 | 6,836 | 21,851,040 | 20,645,448 |
| **Patricia district** | | | | | |
| Ear Falls—English river | 4,000 | 2,828 | 3,512 | 14,160,500 | 16,032,000 |
| **Abitibi district** | | | | | |
| Abitibi Canyon—Abitibi river | 110,000 | 67,024 | 103,485 | 236,413,950 | 378,646,450 |
| **St. Joseph district** | | | | | |
| Rat Rapids—Albany river | 1,000 | ........... | 1,314 | ........... | 3,085,560 |
| Total generated | 1,348,700 | * | * | 4,214,921,548 | 4,561,071,365 |

*Because the peak loads on the various generating plants and purchased power sources usually occur at different times, the sum of the individual peak loads would not represent the sum of the peak loads on the systems. These, in the case of each system must relate to the maximum load occurring at any one time. Consequently, the column headed "Peak load" is not totalled.

## AND PURCHASED—ALL SYSTEMS

### POWER PURCHASED

| Power source | Contract amount horsepower Oct. 31, 1935 | Total purchased 1933-34 kilowatt-hours | Total purchased 1934-35 kilowatt-hours |
|---|---|---|---|
| Canadian Niagara Power Co.—25-cycle | 20,000 | 95,665,400 | 77,834,300 |
| Gatineau Power Co.—25-cycle | 260,000 | 1,171,560,825* | 1,183,389,342* |
| Ottawa Valley Power Co. | 96,000 | 222,959,000 | 298,333,450 |
| Beauharnois Light, Heat & Power Co. | 129,000 | 355,120,000 | 409,220,000 |
| MacLaren Quebec Power Co. | 40,000 | 106,036,000 | 128,657,000 |
| Canadian Niagara Power Co.—For D.P. & T. 66-cycle system¶ | ........ | 10,037,000 | 0 |
| Welland Ship Canal† | ........ | 46,400 | 0 |
| Campbellford Water & Light Commission | ........ | ........ | 0 |
| Cedars Rapids Power Co.§ | ........ | 23,157,000 | 0 |
| M. F. Beach Estate | 500 | 980,800 | 1,049,200 |
| Rideau Power Co. | 487 | 2,740,700 | 2,760,700 |
| Ottawa & Hull Power & Mfg. Co. | 20,000 | 64,078,200 | 63,033,400 |
| Gatineau Power Co.—60-cycle | 42,000 | 152,113,942** | 190,684,458** |
| Orillia Water, Light & Power Commission‡ | ........ | —247,600 | 0 |
| Manitoulin Pulp Co. | 150 | 168,900 | 222,300 |
| Abitibi Power & Paper Co.—Espanola | 547 | 645,023 | 2,711,580 |
| Abitibi Power & Paper Co.—Sturgeon Falls† | ........ | 15,725 | 0 |
| Northern Ontario Power Co† | ........ | No record | 0 |
| Huronian Co. | 300 | 0 | No record |
| Total purchased | 608,984 | 2,205,077,315 | 2,357,895,730 |

| | | |
|---|---|---|
| Power purchased, contract amount, 1935 | 608,984 | horsepower |
| Maximum normal plant capacity, 1935 | 1,348,700 | " |
| Total available capacity generated and purchased, 1935 | 1,957,684 | " |
| Total available capacity generated and purchased, 1934 | 1,956,337 | " |
| Difference (increase) | 1,347 | " |
| Total energy purchased, 1935 | 2,357,895,730 | kilowatt-hours |
| Total energy generated, 1935 | 4,561,071,365 | " " |
| Total energy generated and purchased, 1935 | 6,918,967,095 | " " |
| Total energy generated and purchased, 1934 | 6,419,998,863 | " " |
| Difference (increase) | 498,968,232 | " " |

*Includes 335,820,000 kilowatt-hours resold to the Gatineau Power Co. in 1934-35 and 475,519,867 kilowatt-hours in 1933-34.

**Includes 0 kilowatt-hours resold to the Gatineau Power Co. in 1934-35, and 40,916,300 kilowatt-hours in 1933-34.

†Emergency use.

‡Reciprocal arrangement for surplus power.

§Power contract with the Cedars Rapids Power Co. cancelled as of December 31, 1933, but was extended by agreement as a temporary supply on a month-to-month basis until July 31, 1934.

¶Power contract expired December 31, 1933.

CAUTION: The figures for "Maximum normal plant capacity" reflect the capacity of the various plants under the most favourable operating conditions which can reasonably be considered as normal, taking into consideration turbine capacity as well as generator capacity, and also the net operating head and available water supply.

Owing, among other things, to changes in generating equipment due to wear and tear or the replacement of parts, also to changes in limitations governing water levels and effective net heads, the maximum normal plant capacity is not a fixed quantity but is one which must be revised from time to time.

It is particularly important to bear in mind that the column headed "Maximum normal plant capacity" cannot be taken as an indication of the dependable capacity of the various plants; in some cases, it is, but in many cases it is not. Chief among the factors which govern the maximum dependable capacity of a hydraulic power plant and which are not reflected in column headed "Maximum normal plant capacity" are abnormal variations in water supply and operating limitations encountered when plants are so situated on a given stream as to be affected by one another.

36 per cent over the highest pre-depression peak. A load graph is given herein showing the peak loads of all systems combined, and covering the period 1930-1935. By reference to this graph it will be observed that the total load carried by the Commission's lines and plants in 1934 and 1935 was greater than in any previous year.

It should be noted, however, that 28 per cent of the average load in 1935 was made up of large blocks of secondary power.

**Primary Load**

The primary load on all systems, which has the greatest significance in relation to revenue and general industrial conditions, amounted to approximately 4,972,000,000 kilowatt-hours, an increase of about 343,000,000 kilowatt-hours or 7.4 per cent over the previous year. The peak load (i.e., the sum of all system peak loads) amounted to 1,224,000 horsepower, an increase of 55,000 horsepower or 4.7 per cent.

On the graph showing the peak loads for all systems combined, the lower line shows the peaks of the primary load, month by month. A similar graph appeared in last year's Report covering the years 1930 to 1934 inclusive. The effect of the general business depression on the primary load during 1930-31-32 and the beginning of 1933 is quite apparent, but the upward trend since the spring of 1933 is equally apparent. It will be noted that, allowing for the usual seasonal variations in load, the gain has been fairly constant, and still continues. The primary load for all systems combined at the end of 1935 regained all the losses sustained during the earlier years of the depression, and exceeds the highest primary load ever previously carried.

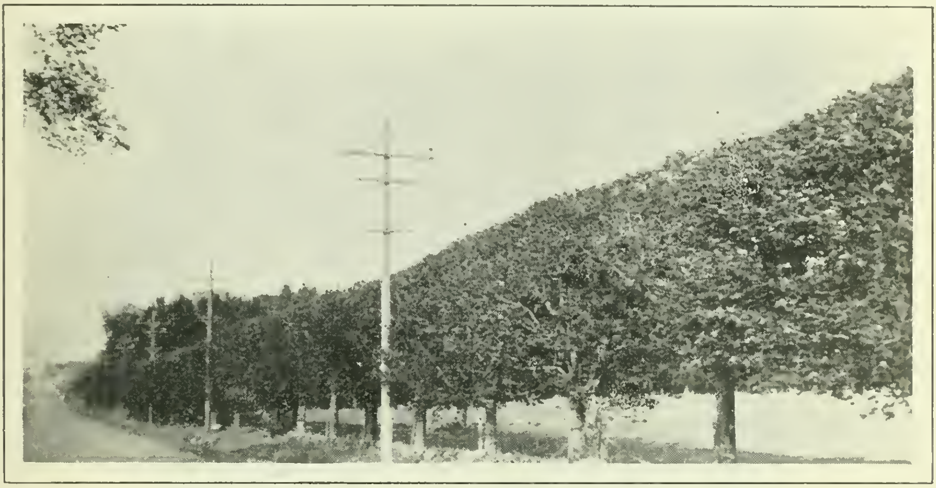
In interpreting the decreases and increases in load shown by the graph during the period 1930-35, allowance should be made for the inclusion, in 1931, of the Dominion Power division as part of the Niagara system, and for the extension of lines into new territory in Northern Ontario. In other words, not all of the increase in load shown on the graph can be ascribed to improved business conditions.

That the gain in primary load has not been uniform on all systems, is shown by the following table. The figures are based upon the increase in the average primary load of each system as compared with the load of the previous fiscal year.

| | | |
|---|---|---|
| Niagara system | 5.0 | per cent |
| Eastern Ontario system | 6.7 | " " |
| Georgian Bay system | 4.1 | " " |
| Thunder Bay system | 16.2 | " " |
| Manitoulin district | 31.6 | " " |
| Northern Ontario properties— | | |
| Abitibi district | 68.3 | " " |
| Nipissing district | 4.7 | " " |
| Sudbury district | (−0.1) | " " |
| Espanola district | 320.0 | " " |
| Patricia district | 13.2 | " " |
| All systems and districts combined | 7.4 | " " |

In most districts in Northern Ontario the large increases are due to expansion of territory and new load, but in the Abitibi district the greater part is due to increases in the loads of customers previously served. Although Espanola and Manitoulin districts show large percentage increases, their actual load is small. The increase of 16 per cent on the Thunder Bay system is partly due to the steady operation in 1935 of paper mills which were only operated part of the time or closed down entirely in 1934. In the case of the Niagara, Georgian Bay and Eastern Ontario systems the gains may be taken as indicating improved business conditions since there has been relatively little expansion.

For a more detailed study of load conditions on each system, the load graphs given in this section should be consulted. These graphs show both the primary and total load for each system month by month from its inception.



PRUNING CLOSELY-PLANTED TREES

Satisfactory line clearance obtained without mutilation. While the hedge-like appearance of these trees gives an artificial effect, it is the best obtainable under the conditions

## Forestry Division

The activities of the Forestry division during the past year were confined principally to maintenance operations to provide clearance for transmission and distribution lines, preservation of trees on station grounds and reforestation of non-revenue producing lands in the Niagara, Georgian Bay and Eastern Ontario systems. Some work was done on new line construction on provincial highways in the Eastern Ontario system. Details and costs are given below.

### Transmission Line-Clearing Operations

The year's operations involved 56,665 trees and 486 pole spans of underbrushing, spread over approximately 2,800 miles of power transmission and telephone line. The cost, including all expenditures for labour, material, truck expense and Forestry overhead applicable to the Commission's line-clearing operations, was $56,664.00.

| Description of work | Miles of line cleared | Volume of work performed | Total cost | Average cost |
|---|---|---|---|---|
| | | | $ | $ c. |
| Underbrushing | 19 | 486 pole spans | 2,361 | 4.86 per span |
| Tree removals | .... | 5,409 trees | 9,166 | 1.69 per tree |
| Line clearance, pruning and cabling | 2,826 | 51,256 trees | 45,136 | 0.88 " " |

TREE MUTILATION

The absence of a power line paralleling these trees is evidence that the mutilation of trees cannot always be attributed to pruning for line clearance

Forestry operations have been performed in accordance with the modified pruning program adopted a year ago, and include a systematic examination of all trees along the lines to discover and remove those that are diseased or a menace to life, property and service. The work consists primarily of pruning for the required clearance, a reasonable amount of shaping to improve aesthetic conditions along highways, and cabling trees with structurally weak or splitting crotches.

A comparison of the work performed this year with last year shows a substantial increase in miles of line cleared and a slight reduction in the number of trees which required treatment. This is largely due to the elimination of many of the diseased and dangerous trees, and partly to the natural result of scientific pruning which controls the growth of trees. The reduction in the volume of work required to obtain satisfactory clearance is reflected in the cost of this year's pruning and tree removal operations, which show further economies in the average cost per tree as compared with last year.

### Maintenance of Trees on Station Grounds

The treatment of trees on station grounds comprised various kinds of work, such as pruning to remove dead wood or interfering branches, cabling structurally weak and splitting crotches, diagnosis and removal of girdling roots that form a pressure on the major roots and retard circulation, tree surgery to remove decay, fungi, and bacteria, the installation of sectional concrete fillings, and spraying to control scale and leaf-eating insects. This class of work was carried out on the Administrative Office grounds, Queenston

TREE PRESERVATION

Example of tree surgery to preserve a prominent tree on the grounds of one of the Commission's stations

generating station grounds and high-tension station grounds at Strachan Avenue, Bridgman, Leaside, Preston, Kitchener, Cooksville, Essex, York and Ontario Power at Niagara Falls.

**Reforestation**

Reforestation operations comprised the planting of approximately 73,000 coniferous and deciduous trees on vacant lands owned by the Commission at Eugenia generating station on the Georgian Bay system, Queenston-Chippawa canal on the Niagara system and at Sidney generating station, Trenton, on the Eastern Ontario system, the latter being a new undertaking this year. Details pertaining to the cost, number and species of trees planted are given in the following tabulation.

### TREES PLANTED IN REFORESTATION OPERATIONS

| Species | Queenston-Chippawa canal |  | Eugenia generating station |  | Sidney generating station |  |
|---|---|---|---|---|---|---|
|  | Trees planted | Total cost | Trees planted | Total cost | Trees planted | Total cost |
| Mugho Pine | 50 |  | 200 |  | 100 |  |
| Red Cedar | 45 |  |  |  | 100 |  |
| White Cedar |  |  | 200 |  | 500 |  |
| Ground Juniper | 48 |  |  |  |  |  |
| Scotch Pine | 400 |  |  |  | 15,300 |  |
| Jack Pine | 257 |  |  |  |  |  |
| White Spruce | 50 |  | 6,000 |  |  |  |
| Norway Spruce |  |  |  |  | 7,000 |  |
| White Pine |  |  |  |  | 15,500 |  |
| Elm | 50 |  |  |  | 10 |  |
| Ash | 50 |  |  |  | 100 |  |
| Poplar | 50 |  |  |  |  |  |
| Larch |  |  | 1,000 |  |  |  |
| Red Pine |  |  | 6,000 |  | 20,000 |  |
| Totals | 1,000 | $186 | 13,400 | $308 | 58,610 | $497 |

Unfortunately about fifty per cent of the trees planted on the Sidney reforestation project were destroyed by fire last August. During a high wind, burning particles from a fire on the east side of the river were carried across the river to the area reforested and started a grass fire which swept over the south half of the property. Reforestation of the burned area will be undertaken next spring.

### Work for Municipal Hydro Systems

A survey of trees affecting local distribution lines owned and operated by municipal Hydro systems was made in fourteen municipalities. In one instance the Parks department requested the local Hydro manager to survey all street trees under its jurisdiction. A report was made giving an analysis of the trees, the extent and cost of the work required and recommendations as to the most economical and satisfactory method of handling the operation on an annual budget, with the cost stabilized over a period of years.

Line-clearing operations were performed by the Forestry division for twelve municipalities. The work involved 4,236 trees spread over 70 miles of distribution line and cost $3,695, or an average of 87 cents per tree. Details of expenditures and work done for municipalities in each of the three systems are shown in the following tabulation. The number of linemen trained in certain municipalities is also recorded. The cost of training the linemen is included in the cost of line clearing operations.

### FORESTRY WORK FOR HYDRO MUNICIPALITIES

| System | Number of municipalities | Number of men trained | Number of trees |  |  |  | Total cost | Aver. cost per tree |
|---|---|---|---|---|---|---|---|---|
|  |  |  | Cabled | Removed | Pruned | Total |  |  |
|  |  |  |  |  |  |  | $ c. | $ c. |
| Niagara | 8 | 12 | 4 | 1 | 2,403 | 2,404 | 2,078.19 | 0.86 |
| Georgian Bay | 2 |  | 9 | 22 | 1,102 | 1,124 | 1,038.57 | 0.92 |
| Eastern Ontario | 2 | 5 | 5 | 7 | 701 | 708 | 578.53 | 0.81 |
| Total | 12 | 17 | 18 | 30 | 4,206 | 4,236 | 3,695.29 | 0.87 |

A SPECIMEN TREE

A beautiful old pine on the Trent River Road near Campbellford. Unmolested by human hands

TREE HAZARD

A badly decayed tree at the intersection of two important and heavily travelled highways. A constant menace to life, property and service

In view of the large number of trees that require pruning to provide clearance for municipal distribution lines and the hazardous nature of such work along energized lines, it was thought advisable to offer a course of training to those municipal Hydro systems which employ a line maintenance staff. The training consisted of a lecture, illustrated by charts, on the structural growth and habits of trees, and an explanation of the safety rules adopted for the Commission's staff. Practical instructions were given in the use of rope slings in place of safety belts and spurs, in scientific pruning methods for clearance, shaping, cabling and tree diagnosis, in the use and care of tools, and disposal of brush. The importance of obtaining permission from property owners and municipal authorities was explained, and advice given as to the procedure to be followed.

The Parks department in one municipality arranged with the local Hydro commission to have employees placed in the Forestry squad for training.

Thanks are extended to the Department of Highways, to county, township and municipal road officials and to the Ontario Forestry branch for their co-operation.

### Radio Communication

The Commission's short-wave radio stations at Toronto and in the generating stations at Cameron Falls, Ear Falls and Rat Rapids have all operated satisfactorily without any major repairs or renewals.

This equipment provides the only means of communication with the plants at Ear Falls and Rat Rapids during periods in the spring and fall when, owing to seasonal climatic conditions, mail and transportation services from these points are suspended.

## NIAGARA SYSTEM

### Generating Stations

**Queenston Station**

The equipment in this station gave satisfactory service during the year. Regular schedules of inspection were maintained on all electrical, mechanical and hydraulic apparatus, and necessary repairs and replacements made.

Each main unit was removed from service for inspection and necessary maintenance during the summer when the load is usually light, as noted below:

Number 1 unit from June 3 to June 12,
" 2 " " July 2 to July 12,
" 3 " " July 15 to August 1,
" 4 " " June 17 to June 27,
" 5 " " September 5 to September 17,
" 6 " " August 20 to August 30,
" 7 " " May 2 to May 17,
" 8 " " May 20 to May 31,
" 9 " " August 6 to August 30,
" 10 " " September 23 to October 8

During the above periods each generator, turbine and draft tube was carefully examined. Turbine runners were built up with stainless steel by welding where erosion had occurred, bearings were refitted or renewed, generators were cleaned and painted, and collector rings were trued up or replaced.

In addition to the above work the circuit breakers, transformers, reactors, meters, relays, busses, and all other associated auxiliary equipment were inspected and cleaned, and replacements made where necessary, while the main units were out of service.

Station service unit "A" was out of service from April 2 to April 25 for general inspection and overhaul. Service unit "B" was shut down on October 10, for the same purpose, but the work was not completed by October 31.

The necessary equipment for automatic frequency and load control, a development from research work in the University of Toronto, was installed on units number 4 to 10 inclusive. This control has been in service since November, 1934, and has proved to be of considerable operating value. It automatically holds the frequency constant and thereby assists in maintaining the desired output from other generating stations feeding power into the system. Its characteristics have proved beneficial in restoring normal frequency after an electrical disturbance. This accurate automatic control is of great benefit to industrial customers requiring close speed regulation on rotating machines.

Due to the large amount of grinding and welding necessary in the up-keep of turbine runners, a section of the power-house adjacent to the assembly bay was closed in for this work, and a ventilating system installed to collect dust and abrasives. Formerly work of this nature was carried out in the open power-house and the dust and abrasives were causing damage to equipment. The ventilating system was extended to serve the machine shop.

As this station is situated below the river bank, the cliff above was thoroughly scaled to remove loose rock and earth.

The usual routine inspection and repairs were made to canal bridges, retaining walls and drainage courses along the canal.

**Ontario Power Station**

No difficulties were encountered in the operation of this station during the year. Number 7 generator was out of service from August 13 to 25 to repair a failure in the armature winding which however did not cause any interruption to service.

Each generating unit and its associated equipment was removed from service for inspection as noted below:

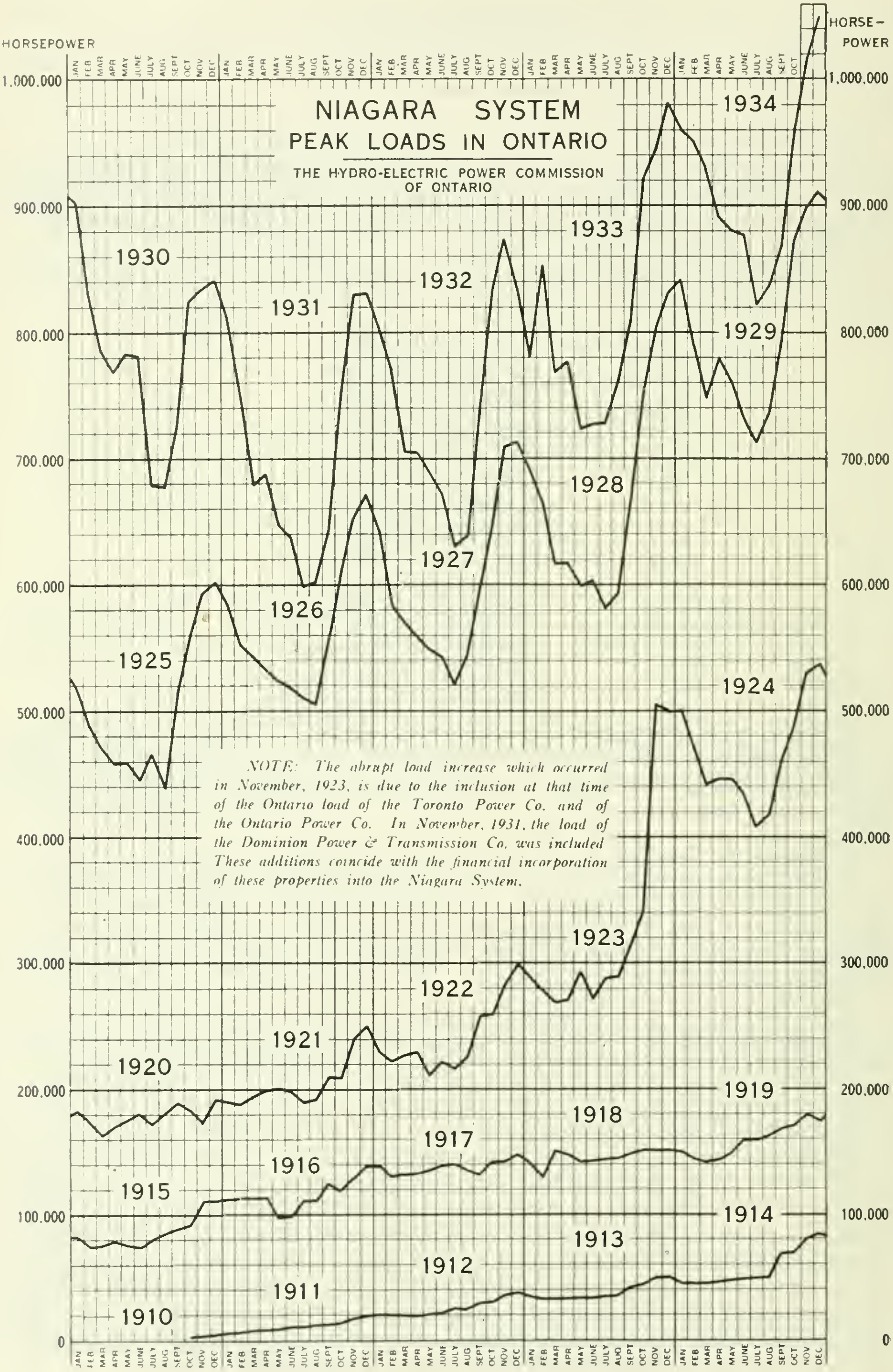
Number 1 unit from July 13 to July 30,
“ 2 “ “ July 12 to July 30
“ 3 “ “ July 18 to July 30,
“ 4 “ “ July 12 to July 30,
“ 5 “ “ July 12 to August 1,
“ 6 “ “ July 6 to July 30,
“ 7 “ “ June 25 to June 28
“ 8 “ “ July 8 to July 13,
“ 9 “ “ July 31 to August 6,
“ 10 “ “ August 12 to August 16,
October 3 to October 8,
“ 11 “ “ August 6 to August 10.
“ 12 “ “ June 29 to July 5,
“ 13 “ “ August 22 to August 28.

During the above periods turbines were inspected and minor repairs carried out. Spare runners were installed in number 15 unit; generator windings were cleaned, inspected and painted; stator coils in number 10 generator were tightened; all associated equipment, including meters and relays, was examined and repaired where necessary.

Number 1 conduit was unwatered on November 3, 1934, for inspection and temporary repair of number 4 penstock valve, and again on July 13 to replace the seal ring of number 4 valve and install new operating mechanisms on valves number 1, 2 and 4, which were fabricated last year. The conduit was returned to service on July 29.

The cleaning of penstocks and application of rust preventing material, as mentioned last year, was continued, and all horizontal sections were completed. The vertical sections were still under treatment at the end of the year.

Lower lake levels, which have prevailed for some time, have resulted in an increased amount of ice being carried into the outer forebay. To take care of this additional ice, the ice spillway at the north end of the screenhouse and the lower end of the spillway from the inner forebay are being extended. These are now being made as wide and deep as the building will permit. When this work is completed the improved ice spillways are expected to dispose of most of the ice getting into the forebay during low lake levels. They will also facilitate the passing of the ice during normal lake levels. This change will render unnecessary much of the blasting which has been required to break up and dislodge ice which formerly accumulated in the forebay. Risk of damage to the piers and walls of the screenhouse from blasting will be lessened.

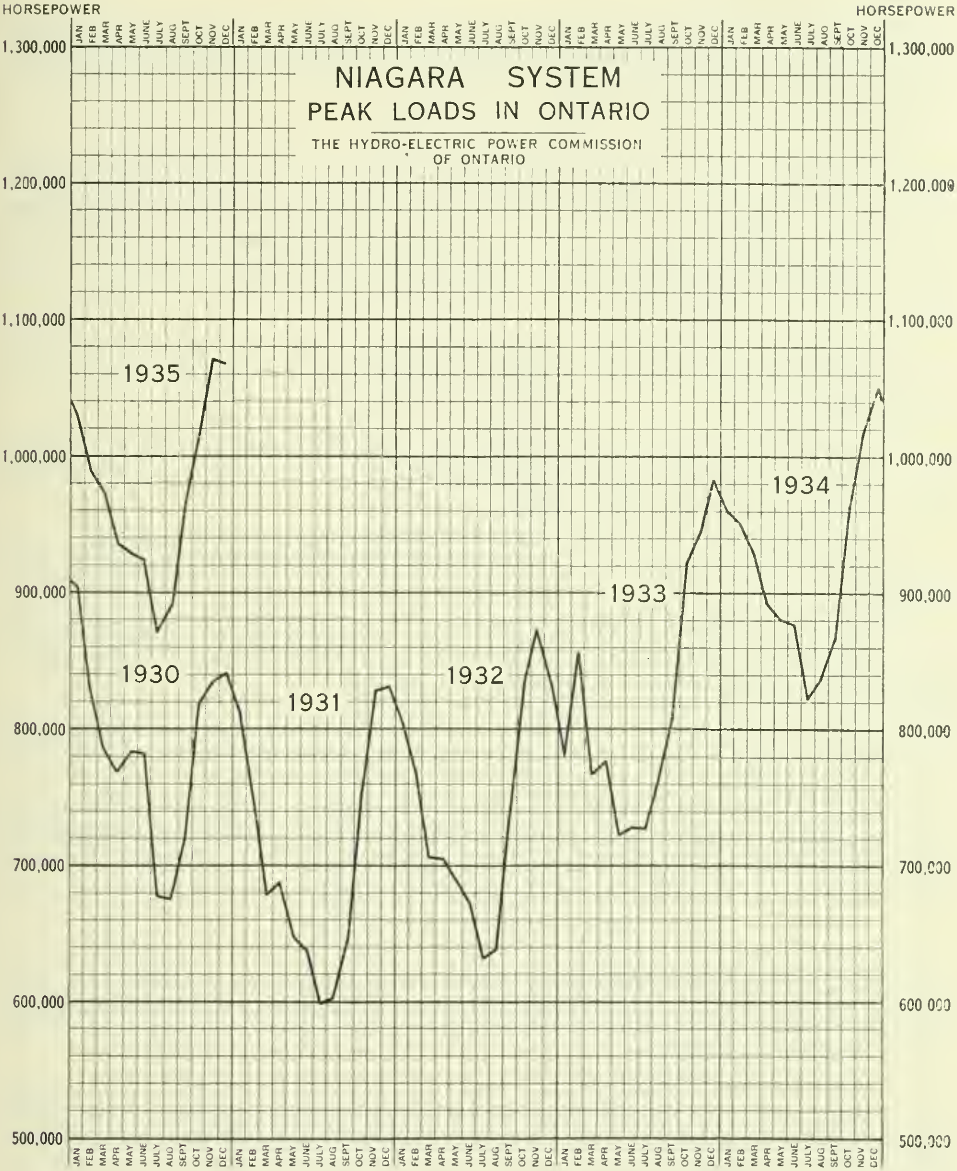


NIAGARA SYSTEM
PEAK LOADS IN ONTARIO

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

*NOTE: The abrupt load increase which occurred in November, 1923, is due to the inclusion at that time of the Ontario load of the Toronto Power Co. and of the Ontario Power Co. In November, 1931, the load of the Dominion Power & Transmission Co. was included These additions coincide with the financial incorporation of these properties into the Niagara System.*

HORSEPOWER
HORSE-POWER
1,000,000
900,000
800,000
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
JAN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DEC
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934



NOTE: This diagram is a continuation of that on facing page

The extending of the spillway necessitated building a coffer-dam and pumping out the north end of the screenhouse. Advantage was taken of this condition to repair one of the main supporting piers in this section of the screenhouse.

All necessary maintenance was carried out on buildings, roads, station grounds and service equipment.

### Toronto Power Station

All the equipment in this plant gave satisfactory service. Number 7 generator was out of service from August 31 to October 8 to repair a coil failure in the generator armature winding. This failure did not cause an interruption in power delivery to customers.

The regular schedule of inspection and repair on all equipment was followed. Number 1 unit, which was out of service for general overhaul as of November 1, 1934, was returned to service on July 17, 1935. Considerable difficulty was experienced in the repair of one of the turbine runners by welding due to the high zinc content of the bronze. This was finally overcome by the use of an atomic welding torch.

Generators number 1 and 7 were inspected, the windings cleaned and varnished; the stator coils on number 1 machine were replaced and spacing blocks tightened.

Turbine governors on units number 1, 8 and 11 were overhauled, links, pins and bearings refitted and heads balanced. Stay bolts in 3, 4 and 7 turbines and number 4 draft tube were welded.

Guide bearings on units 1, 5, 7, 9 and 11 were refitted where required, and the spare set of distributors for turbines 8 to 11 were repaired by welding.

The main tail-race tunnel was unwatered on June 23 for inspection, and was found in good condition. There was no further indication of cracking in the floor as a result of the pressure of the sidewalls.

Two of the three water service pumps supplying the generating and transformer stations were overhauled during the year.

A 6,000-kv-a transformer, which failed in service in 1931, was repaired and returned to service on October 31, as its capacity was required for service in the Niagara area. All electrolytic lightning arresters were dismantled, trays were cleaned and reassembled with new electrolyte.

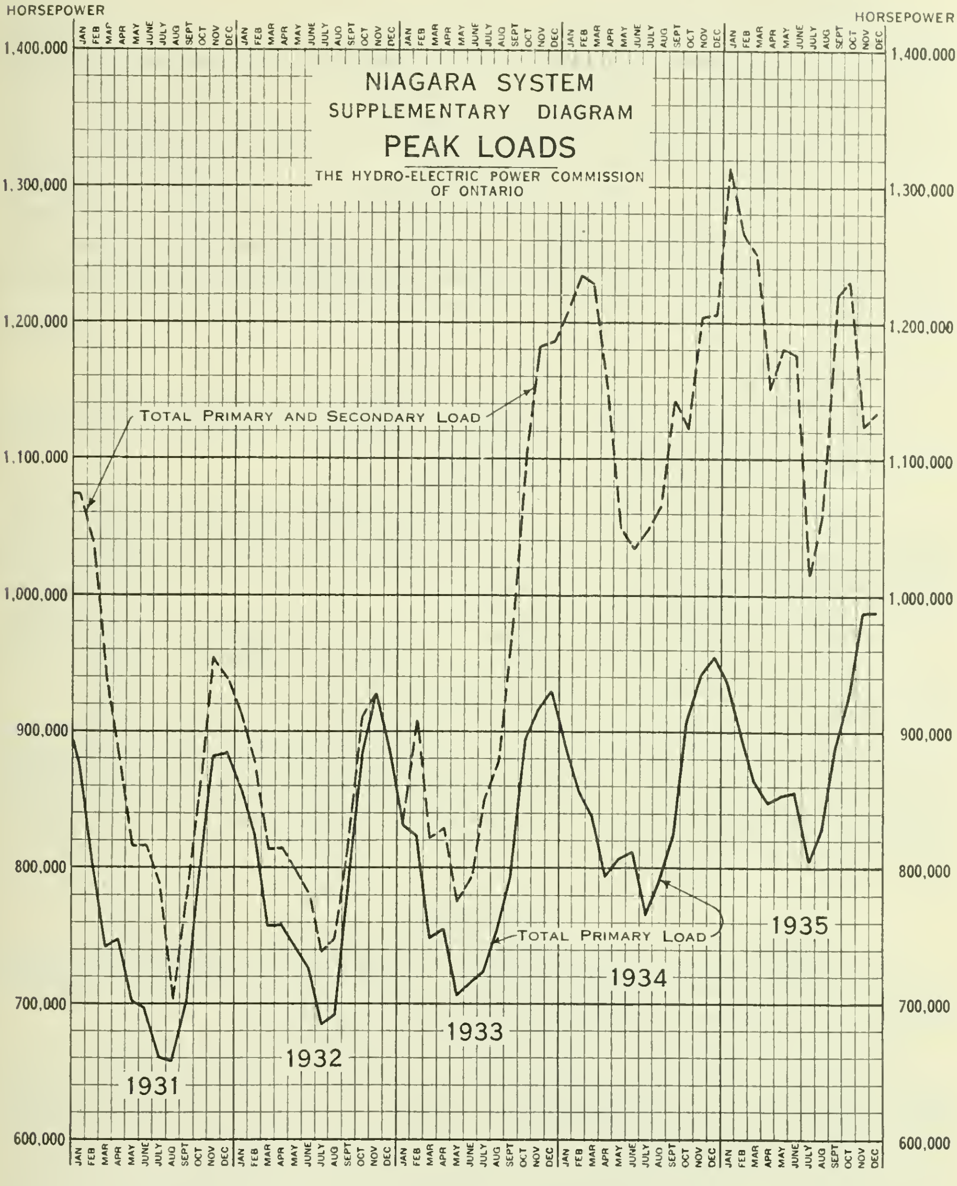
### Chats Falls Station—Ottawa River

The performance of all equipment at this station was satisfactory. All routine inspection and general maintenance was carried out in accordance with the regular schedule.

The earth-filled portion of the dam was inspected, all holes in the rip-rap were filled, and the earth surface re-seeded, to prevent erosion. Some 1,200 sunken logs were removed from in front of the trash racks in the forebay. These had accumulated as a result of the extensive logging operations of past years on the Ottawa river.

All exposed steelwork on the powerhouse, dam, sluice gates and railway bridges was painted for protection, and the railway siding and roadway were repaired.

The stream flow of the Ottawa river was distributed more uniformly throughout the past year, as a result of the storage water available and the abnormal rains during the month of June. The minimum river flow of approximately 20,500 c.f.s. occurred during September, while the maximum, of approximately 81,500 c.f.s., occurred on May 5, during the spring run-off.



SUPPLEMENTARY DIAGRAM—NIAGARA SYSTEM PEAK LOADS

Notes

**TOTAL PRIMARY LOAD:** Primary power is power which the Commission is under contractual obligation to supply and for which it is obligated to hold in reserve adequate capacity. The graph above includes only the actual delivery of such power, and does not include the amount by which the primary power contracts exceed actual deliveries.

**TOTAL PRIMARY AND SECONDARY LOAD:** Includes, in addition to the primary load, at-will power which the Commission is under no obligation to hold in reserve. Such power has been sold in Ontario and exported to Quebec and the United States. The above graph includes all secondary power and therefore differs from the graphs on pages 18 and 19 which show only the load in Ontario.

Synchronizing equipment was installed on all 220,000-volt lines to facilitate rapid restoration of service after a line outage.

The east end of the generating station was extended over the space left for an additional turbine unit, and a 45,000-kv-a vertical, 25-cycle to 60-cycle, frequency-changer set installed to supply power to the Eastern Ontario system of the Commission. This set was made available for service on October 13, 1935.

The construction of eight additional houses near the plant was started in order to provide accommodation for those permanent employees who have been living in temporary buildings erected on Victoria island during the construction of the plant. When completed this settlement will have fourteen houses with modern conveniences, community garages and an ice-house.

### DeCew Falls Station

The DeCew Falls station operated continuously throughout the year, there being no failure of main equipment. Regular inspections and routine maintenance were carried out on schedule.

Two bridges were redecked, several were painted, and one over the intake channel at Allanburg was replaced by the Provincial Highways department. All roads were properly maintained, and stone rip-rap was placed on the channel banks where erosion was indicated.

The 9,000-kv-a frequency-changer set, situated at Niagara Falls and supplied from the Toronto Power generating station, operated as a base load unit at 96 per cent capacity factor during the year.

The Hamilton steam station was operated as a standby reserve on the system. It was called for service on one occasion in January, due to ice trouble at the DeCew Falls plant. Steam supplied for commercial purposes increased somewhat during the year. All equipment was inspected and routine repairs carried out where necessary.

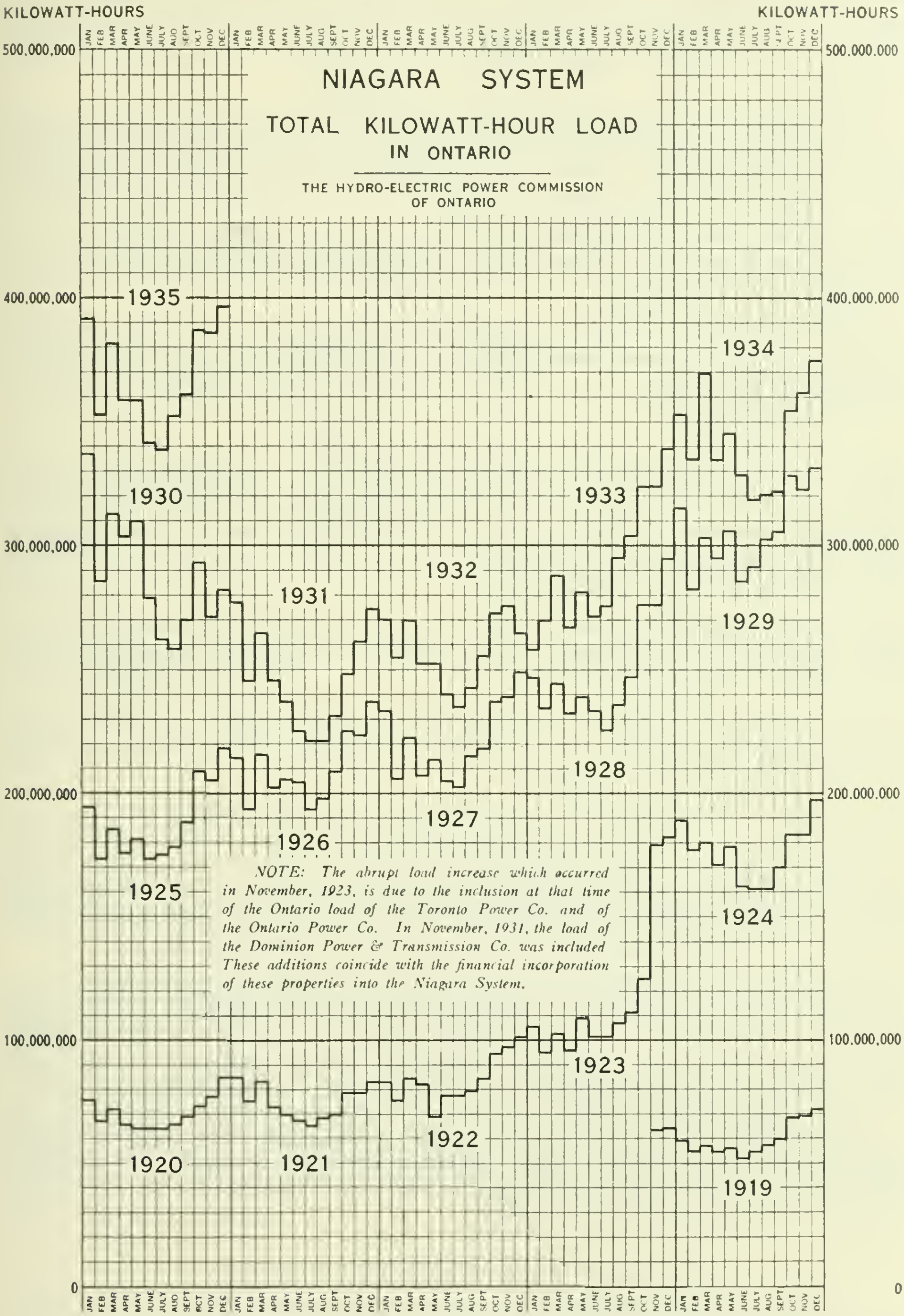
## Transmission

The 220,000-volt circuits transmitting power from the Chats Falls, Beauharnois, Masson and Paugan plants to Leaside station, Toronto, operated satisfactorily, and no service difficulties were encountered.

On one occasion, due to lightning, the switches opened on each of the three 220,000-volt circuits, and the load was carried over the 110,000-volt lines from Queenston until the 220,000-volt supply was restored. There were nine single-circuit outages, eight of which were caused by lightning and one by a tree felled into the Gatineau Power Company's section of the line. No damage occurred at the time of these outages, the lines being immediately returned to service.

The inspection of all 220,000-volt towers, including the tightening of bolts and installation of special lock nuts, started in 1933, was completed. All brush under and in the immediate vicinity of the lines was cut. This work covered an area of about 5,100 acres. Some nine miles of patrol roads were constructed.

The 110,000-volt transmission circuits were operated during the year in two individual groups. There were three total interruptions on one group, and



NIAGARA SYSTEM

TOTAL KILOWATT-HOUR LOAD IN ONTARIO

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

*NOTE: The abrupt load increase which occurred in November, 1923, is due to the inclusion at that time of the Ontario load of the Toronto Power Co. and of the Ontario Power Co. In November, 1931, the load of the Dominion Power & Transmission Co. was included These additions coincide with the financial incorporation of these properties into the Niagara System.*

KILOWATT-HOURS
KILOWATT-HOURS
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0
JAN FEB MAR APR MAY JUNE JULY AUG SEPT OCT NOV DEC
1935
1934
1930
1933
1932
1931
1929
1928
1927
1926
1925
1924
1923
1922
1920
1921
1919

no total interruption on the other group. Extensive changes were made in the set-up of the circuits between Niagara Falls and Toronto to provide maximum capacity and flexibility, as the power delivered from Quebec companies was reduced.

Regular patrol and maintenance was carried out. Insulators were tested on 196 miles of line and defective units removed. The ground angles (footings) on 471 McGuigan-type towers between Allenburg Junction and Dundas were inspected and re-inforced where necessary.

Conductors were examined at various points for vibration damage and dampers were installed on the circuit between East Hamilton and Stirton Street station (Hamilton).

The operating telephone lines of the Niagara system were regularly patrolled and maintained. Approximately 120 miles of line were given a general overhaul and the circuits between St. Thomas and Chatham were retransposed for a phantom circuit.

On the Dominion Power transmission lines there were no total interruptions to service, although there were seven instances, totalling 31 minutes, in which service to Hamilton, Brantford and Oakville was interrupted by uncontrollable causes. In order to provide a second line of supply to Oakville a second circuit on the steel-tower line between Nelson Junction and Oakville was placed in service on December 16.

Regular patrol and maintenance was carried out on all lines, insulators were inspected and all defective units replaced. Poles were straightened and 53 towers were painted.

In order that defective circuits will be automatically removed from service, high-speed relays, with necessary equipment, were placed in service on all 44,000-volt lines on July 10.

## Transformation

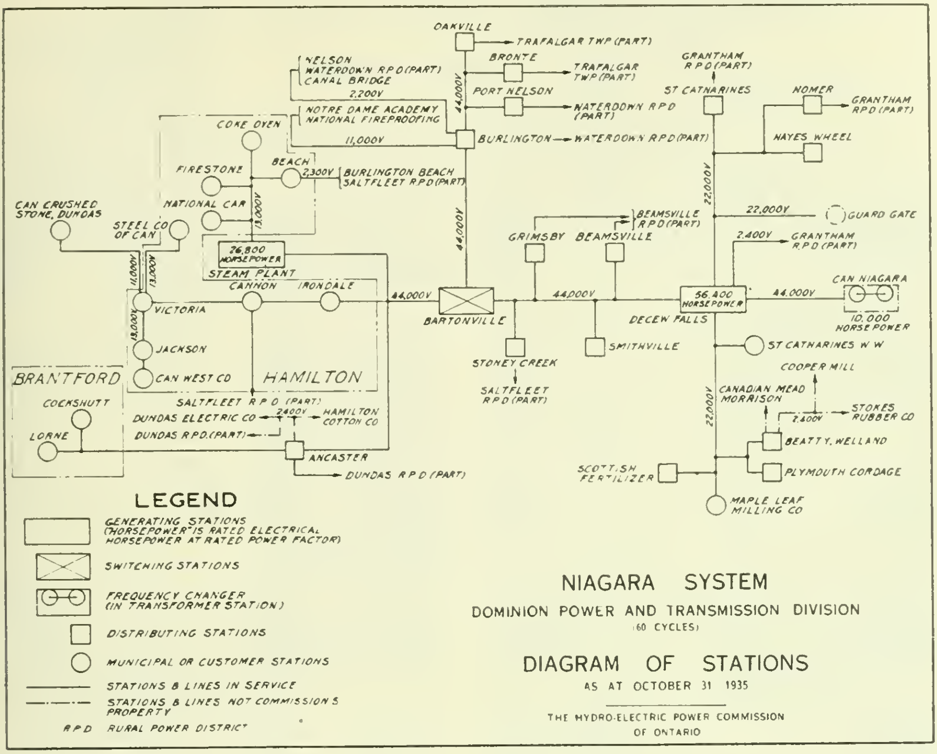
The 220,000/110,000/13,200-volt Leaside transformer station operated without difficulty during the year. The synchronous condenser which failed last year was completely re-wound and returned to service on July 2.

All stations on the 110,000-volt system gave satisfactory service. A 7,500-kv-a transformer at the Cyanamid station, which failed on July 15, was repaired and returned to service. Repairs on the 5,000-kv-a transformer at London, mentioned last year, were completed. Three 2,500-kv-a transformers at Woodstock are being rebuilt with modern bracing, one unit being completed.

All outdoor breakers were given two inspections, and repaired where necessary; indoor breakers received one complete overhaul. Lightning arresters were overhauled at Toronto (Strachan Avenue), Cooksville, Preston, Stratford, St. Marys, Dundas and Essex stations.

## Distribution

A new low-tension distribution station at Port Nelson was placed in service. Transformer capacity was increased in Dashwood, Aylmer Rural, St. Thomas Rural, St. Williams and Islington stations.


OAKVILLE
TRAFALGAR TWP (PART)
BRONTE
TRAFALGAR TWP (PART)
PORT NELSON
WATERDOWN RPD (PART)
BURLINGTON
WATERDOWN RPD (PART)
NELSON
WATERDOWN RPD (PART)
CANAL BRIDGE
2,200V
NOTRE DAME ACADEMY
NATIONAL FIREPROOFING
11,000V
44,000V
COKE OVEN
FIRESTONE
BEACH
2,300V
BURLINGTON BEACH
SALTFLEET RPD (PART)
NATIONAL CAR
13,000V
CAN CRUSHED STONE, DUNDAS
STEEL CO OF CAN
26,800 HORSEPOWER
STEAM PLANT
11,000V
13,000V
CANNON
IRONDALE
VICTORIA
13,000V
JACKSON
CAN WEST CO
HAMILTON
BRANTFORD
COCKSHUTT
LORNE
SALTFLEET RPD (PART)
DUNDAS ELECTRIC CO
2400V
HAMILTON COTTON CO
DUNDAS RPD (PART)
ANCASTER
DUNDAS RPD (PART)
44,000V
BARTONVILLE
STONEY CREEK
SALTFLEET RPD (PART)
GRIMSBY
BEAMSVILLE
BEAMSVILLE RPD (PART)
44,000V
SMITHVILLE
56,400 HORSEPOWER
DECEW FALLS
GRANTHAM RPD (PART)
ST CATHARINES
HOMER
GRANTHAM RPD (PART)
HAYES WHEEL
22,000V
22,000V
GUARD GATE
2,400V
GRANTHAM RPD (PART)
CAN NIAGARA
44,000V
10,000 HORSEPOWER
ST CATHARINES W W
COOPER MILL
CANADIAN MEAD MORRISON
22,000V
2,400V
STOKES RUBBER CO
BEATTY, WELLAND
SCOTTISH FERTILIZER
PLYMOUTH CORDAGE
MAPLE LEAF MILLING CO
LEGEND
GENERATING STATIONS ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
SWITCHING STATIONS
FREQUENCY CHANGER (IN TRANSFORMER STATION)
DISTRIBUTING STATIONS
MUNICIPAL OR CUSTOMER STATIONS
STATIONS & LINES IN SERVICE
STATIONS & LINES NOT COMMISSION'S PROPERTY
RPD RURAL POWER DISTRICT

NIAGARA SYSTEM
DOMINION POWER AND TRANSMISSION DIVISION
(60 CYCLES)
DIAGRAM OF STATIONS
AS AT OCTOBER 31 1935
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

There were seven failures of low-tension transformers, all of which were repaired by the field maintenance staff. All oil-circuit breakers were inspected, and repairs and re-adjustments were made where necessary. Lightning arresters were overhauled at New Hamburg, Toronto (Campbell Avenue), Paris Municipal station and at Canadian Industries Limited, Windsor.

No unusual difficulties were encountered in the operation of the low-tension lines, but severe summer storms caused the breaking of short sections of lines in the Niagara Falls and St. Clair areas.

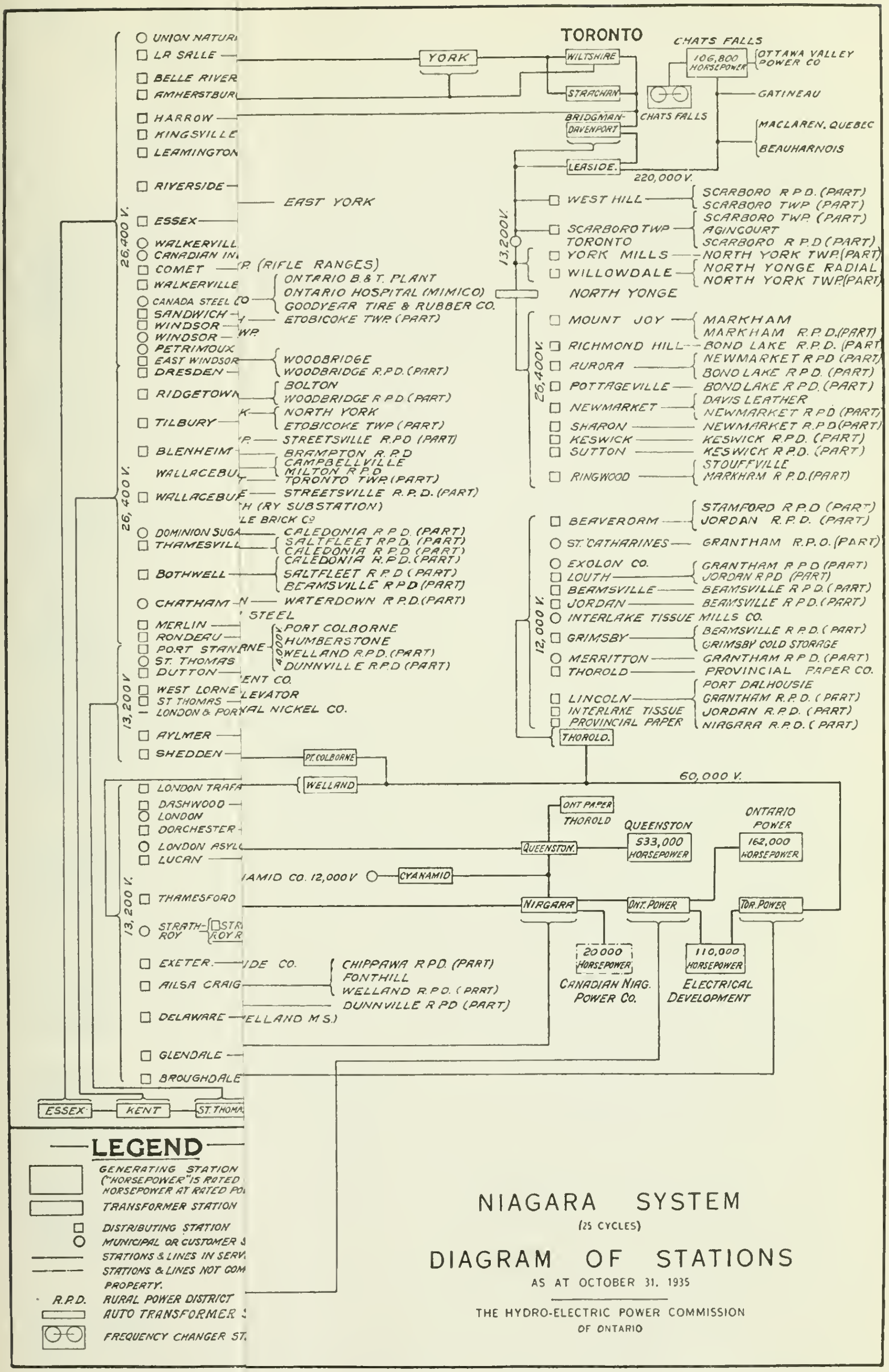
Part of the circuits in the Kitchener and Stratford districts were given an extensive overhaul, and the conductor on the line from Mitchell Junction to Mitchell was restrung. The circuits from London to Strathroy were re-insulated for 26,000-volt service. Railway and wire crossings were made standard in the St. Clair and St. Thomas areas, and similar work is under way in the Cooksville district.

Ground line treatment to preserve poles, was continued, some 6,500 poles were uncovered at the ground line, cleaned, and sprayed with creosote.

A new 13,200-volt line to the Burlington Steel Company, Hamilton, was placed in service during the year.

## NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Acton | 832.6 | 1,044.9 | 1,125.7 | | 80.8 |
| Agincourt | 116.6 | 128.0 | 147.4 | | 19.4 |
| Ailsa Craig | 88.6 | 77.3 | 89.8 | | 12.5 |
| Alvinston | 82.8 | 85.6 | 89.4 | | 3.8 |
| Amherstburg | 616.6 | 593.5 | 707.2 | | 113.7 |
| Ancaster Township | 283.8 | 250.6 | 282.7 | | 32.1 |
| Arkona | 45.4 | 46.9 | 48.2 | | 1.3 |
| Aurora | 1,030.1 | 981.2 | 1,016.0 | | 34.8 |
| Aylmer | 469.1 | 490.6 | 487.9 | 2.7 | |
| Ayr | 157.5 | 157.5 | 167.0 | | 9.5 |
| Baden | 241.7 | 250.2 | 268.2 | | 18.0 |
| Beachville | 387.4 | 376.6 | 395.4 | | 18.8 |
| Belle River | 119.3 | 126.5 | 127.3 | | 0.8 |
| Blenheim | 353.9 | 383.4 | 374.0 | 9.4 | |
| Blyth | 87.4 | 86.7 | 85.8 | 0.9 | |
| Bolton | 137.7 | 109.7 | 125.0 | | 15.3 |
| Bothwell | 104.4 | 99.4 | 109.3 | | 9.9 |
| Brampton | 2,075.2 | 1,991.1 | 2,168.8 | | 177.7 |
| Brantford | 12,728.7 | 13,212.6 | 14,023.8 | | 811.2 |
| Brantford Township | 605.6 | 602.3 | 594.9 | 7.4 | |
| Bridgeport | 85.5 | 118.8 | 105.9 | 12.9 | |
| Brigden | 89.1 | 72.5 | 66.7 | 5.8 | |
| Brussels | 108.8 | 107.9 | 103.2 | 4.7 | |
| Burford | 115.5 | 131.3 | 139.7 | | 8.4 |
| Burgessville | 54.1 | 30.5 | 31.5 | | 1.0 |
| Caledonia | 327.7 | 377.7 | 341.6 | 36.1 | |
| Campbellville | 24.2 | 26.2 | 26.8 | | 0.6 |
| Cayuga | 112.6 | 111.2 | 116.6 | | 5.4 |
| Chatham | 4,258.1 | 4,587.7 | 4,821.4 | | 233.7 |
| Chippawa | 215.3 | 258.4 | 258.1 | 0.3 | |
| Clifford | 61.5 | 61.9 | 64.0 | | 2.1 |
| Clinton | 374.5 | 394.7 | 395.4 | | 0.7 |
| Comber | 164.0 | 191.7 | 116.6 | 75.1 | |
| Cottam | 58.0 | 64.3 | 62.3 | 2.0 | |
| Courtright | 38.4 | 40.2 | 37.2 | 3.0 | |
| Dashwood | 40.0 | 37.9 | 61.9 | | 24.0 |
| Delaware | 35.1 | 39.9 | 43.1 | | 3.2 |
| Dorchester | 95.7 | 76.1 | 103.1 | | 27.0 |
| Drayton | 86.7 | 91.1 | 92.1 | | 1.0 |
| Dresden | 280.0 | 288.9 | 289.9 | | 1.0 |
| Drumbo | 66.3 | 66.5 | 66.0 | 0.5 | |
| Dublin | 42.9 | 31.7 | 36.4 | | 4.7 |
| Dundas | 1,276.1 | 1,329.1 | 1,495.2 | | 166.1 |
| Dunnville | 907.7 | 853.3 | 930.3 | | 77.0 |
| Dutton | 211.9 | 209.2 | 206.1 | 3.1 | |
| East Windsor | 2,277.4 | 2,530.8 | 2,943.7 | | 412.9 |
| Elmira | 557.6 | 544.2 | 680.9 | | 136.7 |
| Elora | 291.4 | 295.3 | 287.5 | 7.8 | |
| Embro | 104.5 | 88.2 | 86.0 | 2.2 | |
| Erieau | 72.6 | 62.7 | 67.0 | | 4.3 |



TORONTO
YORK
WILTSHIRE
STRACHAN
BRIDGMAN-DAVENPORT
LEASIDE.
CHATS FALLS
106,800 HORSEPOWER
OTTAWA VALLEY POWER CO
CHATS FALLS
GATINEAU
MACLAREN, QUEBEC
BEAUHARNOIS
220,000 V.
13,200 V.
WEST HILL
SCARBORO R.P.D. (PART)
SCARBORO TWP. (PART)
SCARBORO TWP
TORONTO
SCARBORO TWP. (PART)
AGINCOURT
SCARBORO R.P.D (PART)
YORK MILLS
NORTH YORK TWP.(PART)
WILLOWDALE
NORTH YONGE RADIAL
NORTH YORK TWP.(PART)
NORTH YONGE
26,400 V.
MOUNT JOY
MARKHAM
MARKHAM R.P.D.(PART)
RICHMOND HILL
BOND LAKE R.P.D. (PART)
AURORA
NEWMARKET R.P.D (PART)
BOND LAKE R.P.D. (PART)
POTTAGEVILLE
BOND LAKE R.P.D. (PART)
NEWMARKET
DAVIS LEATHER
NEWMARKET R.P.D (PART)
SHARON
NEWMARKET R.P.D(PART)
KESWICK
KESWICK R.P.D. (PART)
SUTTON
KESWICK R.P.D. (PART)
RINGWOOD
STOUFFVILLE
MARKHAM R.P.D.(PART)
12,000 V.
BEAVERORM
STAMFORD R.P.D (PART)
JORDAN R.P.D. (PART)
ST. CATHARINES
GRANTHAM R.P.O. (PART)
EXOLON CO.
LOUTH
GRANTHAM R.P.D (PART)
JORDAN R.P.D (PART)
BEAMSVILLE
BEAMSVILLE R.P.D. (PART)
JORDAN
BEAMSVILLE R.P.D. (PART)
INTERLAKE TISSUE MILLS CO.
GRIMSBY
BEAMSVILLE R.P.D. ( PART)
GRIMSBY COLD STORAGE
MERRITTON
GRANTHAM R.P.D. (PART)
THOROLD
PROVINCIAL PAPER CO.
LINCOLN
PORT DALHOUSIE
GRANTHAM R.P.D. ( PART)
INTERLAKE TISSUE
JORDAN R.P.D. (PART)
PROVINCIAL PAPER
NIAGARA R.P.D. ( PART)
THOROLD.
60,000 V.
ONT. PAPER
THOROLD
QUEENSTON
533,000 HORSEPOWER
ONTARIO POWER
162,000 HORSEPOWER
QUEENSTON.
CYANAMID
AMID CO. 12,000 V
NIAGARA
ONT. POWER
TOR. POWER
20000 HORSEPOWER
CANADIAN NIAG. POWER CO.
110,000 HORSEPOWER
ELECTRICAL DEVELOPMENT
PT. COLBORNE
WELLAND
EAST YORK
P. (RIFLE RANGES)
ONTARIO B.& T. PLANT
ONTARIO HOSPITAL (MIMICO)
GOODYEAR TIRE & RUBBER CO.
ETOBICOKE TWP. (PART)
WP.
WOODBRIDGE
WOODBRIDGE R.P.D. (PART)
BOLTON
WOODBRIDGE R.P.D (PART)
K
NORTH YORK
ETOBICOKE TWP (PART)
P.
STREETSVILLE R.P.D (PART)
BRAMPTON R.P.D
CAMPBELLVILLE
MILTON R.P.D
TORONTO TWP. (PART)
E
STREETSVILLE R.P.D. (PART)
H (RY SUBSTATION)
LE BRICK Co
CALEDONIA R.P.D. (PART)
SALTFLEET R.P.D. (PART)
CALEDONIA R.P.D. (PART)
CALEDONIA R.P.D. (PART)
SALTFLEET R.P.D (PART)
BEAMSVILLE R.P.D (PART)
N
WATERDOWN R.P.D.(PART)
STEEL
NE
PORT COLBORNE
HUMBERSTONE
WELLAND R.P.D. (PART)
DUNNVILLE R.P.D (PART)
ENT CO.
LEVATOR
VAL NICKEL CO.
DE CO.
CHIPPAWA R.P.D. (PART)
FONTHILL
WELLAND R.P.O. ( PART)
DUNNVILLE R.P.D (PART)
ELLAND M.S.)
UNION NATUR
LA SALLE
BELLE RIVER
AMHERSTBUR
HARROW
KINGSVILLE
LEAMINGTON
RIVERSIDE
ESSEX
WALKERVILL
CANADIAN IN
COMET
WALKERVILLE
CANADA STEEL CO
SANDWICH
WINDSOR
WINDSOR
PETRIMOUX
EAST WINDSOR
DRESDEN
RIDGETOWN
TILBURY
BLENHEIM
WALLACEBU
WALLACEBU
DOMINION SUGA
THAMESVILL
BOTHWELL
CHATHAM
MERLIN
RONDEAU
PORT STAN
ST. THOMAS
DUTTON
WEST LORNE
ST THOMAS
LONDON & POR
AYLMER
SHEDDEN
26,400 V.
26,400 V.
13,200 V.
LONDON TRAFA
DASHWOOD
LONDON
DORCHESTER
LONDON ASYL
LUCAN
THAMESFORD
STRATH-ROY
STR
ROY R
EXETER
AILSA CRAIG
DELAWARE
GLENDALE
BROUGHDALE
13,200 V.
ESSEX
KENT
ST. THOMA
LEGEND
GENERATING STATION
("HORSEPOWER" IS RATED
HORSEPOWER AT RATED PO
TRANSFORMER STATION
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MUNICIPAL OR CUSTOMER S
STATIONS & LINES IN SERV
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R.P.D. RURAL POWER DISTRICT
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FREQUENCY CHANGER ST

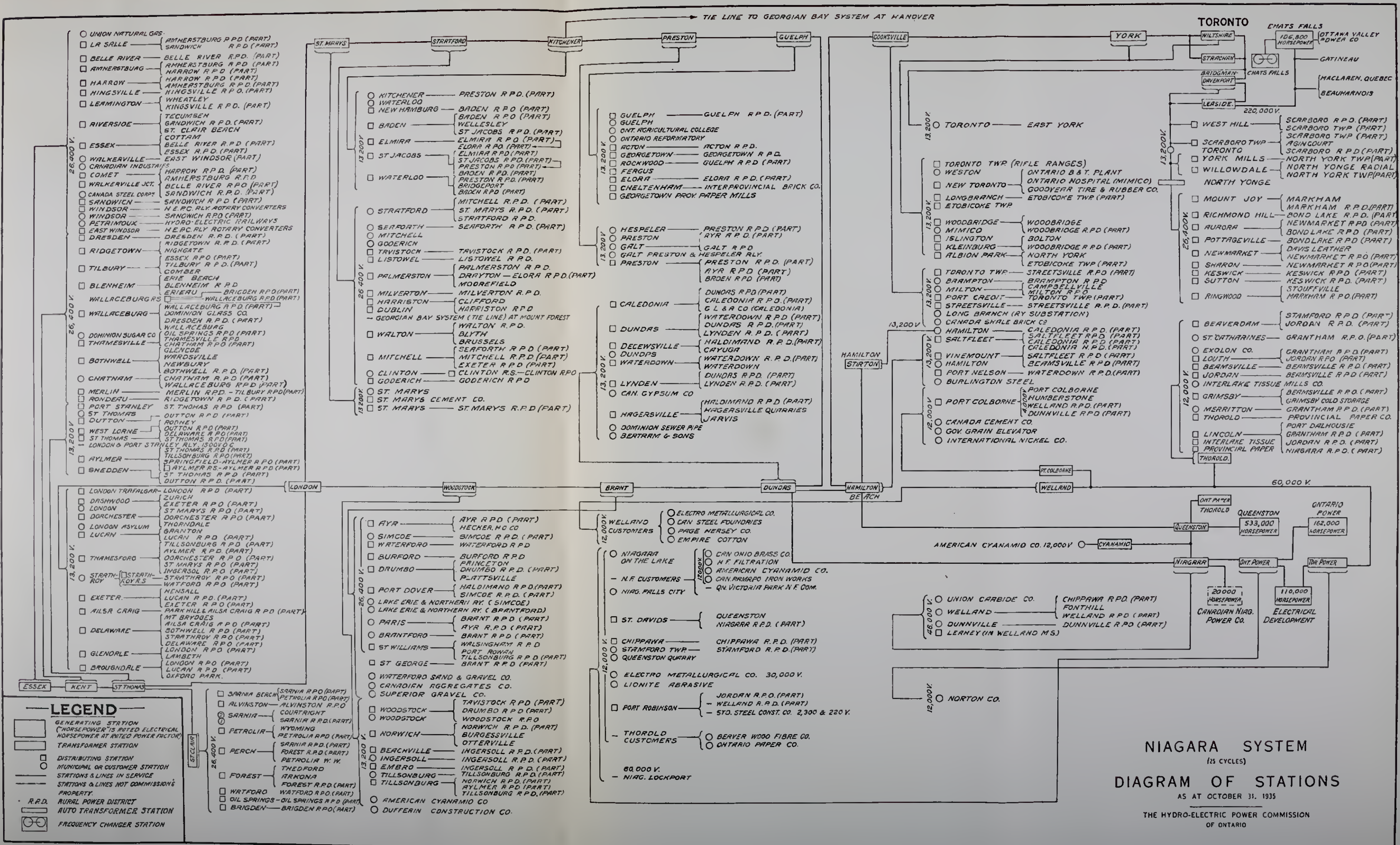
NIAGARA SYSTEM

(25 CYCLES)

DIAGRAM OF STATIONS

AS AT OCTOBER 31, 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO


TIE LINE TO GEORGIAN BAY SYSTEM AT HANOVER
TORONTO
CHATS FALLS
106,800 HORSEPOWER
OTTAWA VALLEY POWER CO
GATINEAU
MACLAREN, QUEBEC
BEAUHARNOIS
220,000 V.
WILTSHIRE
STRACHAN
BRIDGMAN-DAVENPORT
LEASIDE
ST. MARYS
STRATFORD
KITCHENER
PRESTON
GUELPH
COOKSVILLE
YORK
LONDON
WOODSTOCK
BRANT
DUNDAS
HAMILTON BEACH
HAMILTON STIRTON
PT. COLBORNE
WELLAND
THOROLD
60,000 V.
QUEENSTON
533,000 HORSEPOWER
ONTARIO POWER
162,000 HORSEPOWER
NIAGARA
ONT. POWER
TOR. POWER
CYANAMID
AMERICAN CYANAMID CO. 12,000 V
20,000 HORSEPOWER
CANADIAN NIAG. POWER CO.
110,000 HORSEPOWER
ELECTRICAL DEVELOPMENT
ESSEX
KENT
ST. THOMAS
ST. CLAIR
26,400 V.
13,200 V.
12,000 V.
48,000 V.
60,000 V. NIAG. LOCKPORT
LEGEND
GENERATING STATION ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
TRANSFORMER STATION
DISTRIBUTING STATION
MUNICIPAL OR CUSTOMER STATION
STATIONS & LINES IN SERVICE
STATIONS & LINES NOT COMMISSION'S PROPERTY
R.P.D. RURAL POWER DISTRICT
AUTO TRANSFORMER STATION
FREQUENCY CHANGER STATION

# NIAGARA SYSTEM

(25 CYCLES)

# DIAGRAM OF STATIONS

AS AT OCTOBER 31, 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO

## NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35—Continued

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Erie Beach | 6.4 | 11.9 | 8.0 | 3.9 | |
| Essex | 361.9 | 340.5 | 404.8 | | 64.3 |
| Etobicoke Township | 3,621.4 | 4,194.3 | 4,449.0 | | 254.7 |
| Exeter | 382.0 | 396.8 | 420.3 | | 23.5 |
| Fergus | 705.0 | 833.7 | 882.7 | | 49.0 |
| Fonthill | 133.2 | 138.1 | 145.5 | | 7.4 |
| Forest | 320.6 | 337.8 | 331.1 | 6.7 | |
| Galt | 5,858.7 | 5,615.8 | 5,988.5 | | 372.7 |
| Georgetown | 978.3 | 987.9 | 1,089.8 | | 101.9 |
| Glencoe | 163.7 | 164.9 | 166.7 | | 1.8 |
| Goderich | 991.9 | 938.3 | 947.3 | | 9.0 |
| Granton | 96.5 | 102.1 | 100.0 | 2.1 | |
| Guelph | 7,812.3 | 8,207.0 | 8,688.3 | | 481.3 |
| Hagersville | 418.2 | 810.2 | 521.5 | 288.7 | |
| Hamilton | 83,832.3 | 87,983.6 | 98,859.8 | | 10,876.2 |
| Harriston | 247.2 | 269.7 | 271.0 | | 1.3 |
| Harrow | 332.7 | 387.4 | 376.6 | 10.8 | |
| Hensall | 121.6 | 145.1 | 152.4 | | 7.3 |
| Hespeler | 1,879.7 | 1,713.8 | 1,901.4 | | 187.6 |
| Highgate | 69.0 | 90.3 | 64.3 | 26.0 | |
| Humberstone | 386.7 | 367.8 | 365.6 | 2.2 | |
| Ingersoll | 1,969.0 | 1,860.4 | 2,076.7 | | 216.3 |
| Jarvis | 150.1 | 158.7 | 148.5 | 10.2 | |
| Kingsville | 431.6 | 420.9 | 447.4 | | 26.5 |
| Kitchener | 15,000.6 | 16,469.5 | 16,976.5 | | 507.0 |
| Lambeth | 94.9 | 109.2 | 101.8 | 7.4 | |
| La Salle | 199.0 | 192.1 | 197.3 | | 5.2 |
| Leamington | 1,327.0 | 1,253.3 | 1,284.2 | | 30.9 |
| Listowel | 808.3 | 811.0 | 887.4 | | 76.4 |
| London | 30,201.2 | 30,281.0 | 31,876.0 | | 1,595.0 |
| London Township Voted Area | 358.5 | 410.6 | 449.8 | | 39.2 |
| Long Branch | 733.9 | 733.9 | 761.4 | | 27.5 |
| Lucan | 136.0 | 131.0 | 121.3 | 9.7 | |
| Lynden | 66.3 | 69.8 | 82.0 | | 12.2 |
| Markham | 211.8 | 236.2 | 233.9 | 2.3 | |
| Merlin | 66.7 | 74.0 | 75.0 | | 1.0 |
| Merritton | 2,765.1 | 3,140.4 | 3,368.3 | | 227.9 |
| Milton | 804.4 | 527.6 | 604.6 | | 77.0 |
| Milverton | 295.6 | 252.0 | 261.4 | | 9.4 |
| Mimico | 2,218.5 | 2,347.1 | 2,426.3 | | 79.2 |
| Mimico Asylum | 100.0 | 100.0 | 175.0 | | 75.0 |
| Mitchell | 433.8 | 411.5 | 415.5 | | 4.0 |
| Moorefield | 45.5 | 45.5 | 50.0 | | 4.5 |
| Mount Brydges | 79.6 | 93.8 | 97.5 | | 3.7 |
| Newbury | 40.6 | 41.5 | 48.5 | | 7.0 |
| New Hamburg | 399.1 | 393.8 | 395.4 | | 1.6 |
| Newmarket | 1,285.5 | 1,273.4 | 1,300.2 | | 26.8 |
| New Toronto | 4,790.8 | 5,565.7 | 5,942.3 | | 376.6 |
| Niagara Falls | 9,135.6 | 8,665.9 | 9,241.3 | | 575.4 |
| Niagara-on-the-Lake | 546.1 | 559.0 | 506.0 | 53.0 | |

### NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35—Continued

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Norwich | 308.3 | 304.9 | 358.6 | | 53.7 |
| Oil Springs | 159.3 | 179.8 | 188.4 | | 8.6 |
| Ontario Agricultural College | 469.1 | 485.2 | 477.2 | 8.0 | |
| Ontario Central Reformatory | 243.9 | 256.7 | 247.4 | 9.3 | |
| Otterville | 84.3 | 92.9 | 91.6 | 1.3 | |
| Palmerston | 437.5 | 396.0 | 420.3 | | 24.3 |
| Paris | 1,197.2 | 1,132.8 | 1,262.2 | | 129.4 |
| Parkhill | 124.2 | 128.9 | 128.9 | | |
| Petrolia | 685.8 | 677.8 | 714.3 | | 36.5 |
| Plattsville | 60.2 | 52.2 | 55.3 | | 3.1 |
| Point Edward | 636.7 | 467.8 | 1,060.3 | | 592.5 |
| Port Colborne | 1,420.9 | 1,422.2 | 1,405.9 | 16.3 | |
| Port Credit | 611.2 | 688.5 | 658.2 | 10.3 | |
| Port Dalhousie | 503.7 | 502.7 | 523.8 | | 21.1 |
| Port Dover | 296.5 | 297.8 | 321.6 | | 23.8 |
| Port Rowan | 67.1 | 64.3 | 63.0 | 1.3 | |
| Port Stanley | 261.5 | 240.1 | 215.9 | 24.2 | |
| Preston | 2,461.1 | 2,341.4 | 2,577.0 | | 235.6 |
| Princeton | 98.8 | 85.9 | 95.4 | | 9.5 |
| Queenston | 80.7 | 112.8 | 103.6 | 9.2 | |
| Richmond Hill | 293.1 | 304.3 | 340.5 | | 36.2 |
| Ridgetown | 446.4 | 397.7 | 467.8 | | 70.1 |
| Riverside | 1,104.9 | 1,073.0 | 911.8 | 161.2 | |
| Rockwood | 89.8 | 92.5 | 91.1 | 1.4 | |
| Rodney | 131.1 | 121.9 | 123.2 | | 1.3 |
| St. Catharines | 7,854.2 | 8,852.4 | 10,270.3 | | 1,417.9 |
| St. Clair Beach | 72.6 | 57.6 | 71.4 | | 13.8 |
| St. George | 129.3 | 138.8 | 164.3 | | 25.5 |
| St. Jacobs | 151.4 | 146.9 | 274.8 | | 127.9 |
| St. Marys | 1,225.7 | 1,259.2 | 1,314.1 | | 54.9 |
| St. Thomas | 6,179.6 | 5,986.5 | 6,246.6 | | 260.1 |
| Sandwich | 2,956.2 | 2,743.0 | 2,980.5 | | 237.5 |
| Sarnia | 7,581.1 | 7,397.9 | 7,558.9 | | 161.0 |
| Scarboro Township | 2,981.5 | 3,099.2 | 3,281.5 | | 182.3 |
| Seaforth | 408.8 | 485.7 | 518.7 | | 33.0 |
| Simcoe | 1,613.9 | 1,705.2 | 1,675.7 | 29.5 | |
| Springfield | 59.0 | 60.0 | 85.7 | | 25.7 |
| Stamford Township | 1,819.0 | 1,913.0 | 1,966.2 | | 53.2 |
| Stouffville | 167.9 | 183.3 | 196.8 | | 13.5 |
| Stratford | 6,530.9 | 6,562.9 | 6,436.0 | 126.9 | |
| Strathroy | 946.4 | 920.9 | 971.8 | | 50.9 |
| Sutton | 153.5 | 147.8 | 151.8 | | 4.0 |
| Tavistock | 424.6 | 444.5 | 471.8 | | 27.3 |
| Tecumseh | 294.7 | 290.0 | 371.0 | | 81.0 |
| Thamesford | 159.5 | 176.2 | 155.0 | 21.2 | |
| Thamesville | 163.5 | 165.7 | 188.4 | | 22.7 |
| Thedford | 127.0 | 143.0 | 135.1 | 7.9 | |
| Thorndale | 36.4 | 37.8 | 42.0 | | 4.2 |
| Thorold | 1,914.6 | 1,782.1 | 1,958.6 | | 176.5 |
| Tilbury | 398.1 | 331.1 | 558.9 | | 227.8 |

## NIAGARA SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35—Concluded

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Tillsonburg | 900.1 | 843.1 | 870.5 | | 27.4 |
| Toronto | 269,144.8 | 280,525.4 | 297,723.8 | | 17,198.4 |
| Toronto Township | 1,793.7 | 1,936.7 | 2,034.8 | | 98.1 |
| Walkerville | 5,336.4 | 6,132.7 | 9,076.3 | | 2,943.6 |
| Wallaceburg | 1,888.7 | 1,821.6 | 1,829.8 | | 8.2 |
| Wardsville | 34.3 | 32.7 | 30.8 | 1.9 | |
| Waterdown | 201.0 | 196.2 | 206.4 | | 10.2 |
| Waterford | 399.4 | 322.4 | 362.4 | | 40.0 |
| Waterloo | 2,668.9 | 2,729.2 | 2,864.6 | | 135.4 |
| Watford | 185.0 | 192.5 | 187.6 | 4.9 | |
| Welland | 3,918.2 | 3,758.7 | 3,745.7 | 13.0 | |
| Wellesley | 94.7 | 95.2 | 119.0 | | 23.8 |
| West Lorne | 98.6 | 97.0 | 107.2 | | 10.2 |
| Weston | 2,790.8 | 2,706.4 | 2,955.8 | | 249.4 |
| Wheatley | 123.7 | 117.1 | 129.3 | | 12.2 |
| Windsor | 20,550.3 | 19,979.4 | 20,471.0 | | 491.6 |
| Woodbridge | 261.4 | 304.7 | 340.5 | | 35.8 |
| Woodstock | 4,950.4 | 4,731.9 | 5,073.7 | | 341.8 |
| Wyoming | 75.2 | 65.8 | 64.6 | 1.2 | |
| York, East, Township | 5,330.7 | 5,656.4 | 5,826.0 | | 169.6 |
| York, North, Township | 2,890.0 | 3,188.8 | 3,258.7 | | 69.9 |
| Zurich | 64.8 | 71.4 | 68.6 | 2.8 | |

## NIAGARA SYSTEM—LOADS OF NEW MUNICIPALITY

| Municipality | Date Connected | Initial load | Oct. 1935 | Change in load Decrease | Increase |
|---|---|---|---|---|---|
| Streetsville | Dec. 13, 1934 | 124.6 | 99.8 | 24.8 | |

## NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Acton | 10.0 | 10.0 | 11.0 | | 1.0 |
| Ailsa Craig | 5.6 | 5.6 | 6.4 | | 0.8 |
| Alvinston | 3.2 | 3.1 | 3.1 | | |
| Amherstburg | 496.7 | 412.0 | 483.6 | | 71.6 |
| Aylmer | 291.1 | 317.5 | 313.3 | 4.2 | |
| Ayr | 42.5 | 42.5 | 43.5 | | 1.0 |
| Baden | 367.1 | 378.2 | 416.7 | | 38.5 |
| Beamsville | 1,030.7 | 1,043.7 | 1,111.3 | | 67.6 |
| Belle River | 220.0 | 172.3 | 194.0 | | 21.7 |
| Blenheim | 118.5 | 144.2 | 163.8 | | 19.6 |
| Bond Lake | 926.4 | 999.2 | 1,179.3 | | 180.1 |
| Bothwell | 89.0 | 99.4 | 196.5 | | 97.1 |
| Brampton | 130.0 | 132.7 | 147.6 | | 14.9 |
| Brant | 434.4 | 490.4 | 498.1 | | 7.7 |
| Brigden | 31.5 | 35.2 | 46.6 | | 11.4 |

**NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35—Continued**

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Burford | 170.5 | 148.0 | 154.6 | | 6.6 |
| Caledonia | 300.5 | 323.2 | 372.2 | | 49.0 |
| Chatham | 473.5 | 479.2 | 468.6 | 10.6 | |
| Chippawa | 99.2 | 122.5 | 122.8 | | 0.3 |
| Clinton | 121.7 | 122.6 | 128.2 | | 5.6 |
| Delaware | 299.5 | 285.8 | 316.6 | | 30.8 |
| Dorchester | 269.2 | 312.0 | 340.1 | | 28.1 |
| Dresden | 42.2 | 43.3 | 38.9 | 4.4 | |
| Drumbo | 59.0 | 95.4 | 77.5 | 17.9 | |
| Dundas | 582.6 | 695.7 | 741.4 | | 45.7 |
| Dunnville | 42.0 | 39.0 | 41.5 | | 2.5 |
| Dutton | 126.0 | 127.3 | 133.1 | | 5.8 |
| Elmira | 70.2 | 79.7 | 82.1 | | 2.4 |
| Elora | 98.2 | 104.2 | 111.2 | | 7.0 |
| Essex | 189.6 | 199.6 | 217.4 | | 17.8 |
| Exeter | 235.3 | 252.7 | 239.2 | 13.5 | |
| Forest | 28.0 | 28.0 | 36.8 | | 8.8 |
| Galt | 181.3 | 184.7 | 200.5 | | 15.8 |
| Georgetown | 124.9 | 132.7 | 147.4 | | 14.7 |
| Goderich | 84.2 | 84.2 | 110.3 | | 26.1 |
| Grantham | 611.1 | 630.1 | 629.1 | 1.0 | |
| Guelph | 411.5 | 434.1 | 491.4 | | 57.3 |
| Haldimand | 164.0 | 200.6 | 225.1 | | 24.5 |
| Harriston | 20.0 | 16.6 | 20.1 | | 3.5 |
| Harrow | 323.6 | 286.8 | 287.4 | | 0.6 |
| Ingersoll | 337.8 | 369.7 | 427.2 | | 57.5 |
| Jordan | 282.0 | 324.8 | 321.9 | 2.9 | |
| Keswick | 395.8 | 350.0 | 249.5 | 100.5 | |
| Kingsville | 453.5 | 500.3 | 480.8 | 19.5 | |
| Listowel | 132.7 | 140.2 | 174.2 | | 34.0 |
| London | 1,523.7 | 1,559.0 | 1,848.6 | | 289.6 |
| Lucan | 60.2 | 52.0 | 55.3 | | 3.3 |
| Lynden | 166.5 | 173.2 | 177.2 | | 4.0 |
| Markham | 423.8 | 407.3 | 466.2 | | 58.9 |
| Merlin | 177.5 | 167.0 | 212.1 | | 45.1 |
| Milton | 140.0 | 181.6 | 175.6 | 6.0 | |
| Milverton | 65.5 | 84.3 | 83.1 | 1.2 | |
| Mitchell | 172.2 | 185.0 | 190.4 | | 5.4 |
| Newmarket | 225.3 | 267.1 | 260.6 | 6.5 | |
| Niagara | 395.9 | 527.0 | 611.7 | | 84.7 |
| Norwich | 241.3 | 252.3 | 306.2 | | 53.9 |
| Oil Springs | 45.5 | 39.9 | 37.7 | 2.2 | |
| Palmerston | 48.0 | 54.7 | 52.8 | 1.9 | |
| Petrolia | 25.3 | 25.3 | 29.3 | | 4.0 |
| Preston | 854.7 | 830.2 | 948.3 | | 118.1 |
| Ridgetown | 227.9 | 258.8 | 271.1 | | 12.3 |
| St. Jacobs | 268.8 | 239.5 | 249.8 | | 10.3 |
| St. Marys | 183.8 | 194.6 | 220.5 | | 25.9 |
| St. Thomas | 483.2 | 629.4 | 700.4 | | 71.0 |
| Saltfleet | 966.1 | 962.1 | 1,058.0 | | 95.9 |

NIAGARA SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35—Concluded

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Sandwich | 908.0 | 940.6 | 1,030.9 | | 90.3 |
| Sarnia | 485.3 | 491.1 | 490.7 | 0.4 | |
| Scarboro | 358.4 | 371.7 | 397.4 | | 25.7 |
| Seaforth | 53.2 | 53.7 | 63.7 | | 10.0 |
| Simcoe | 205.4 | 229.1 | 249.6 | | 20.5 |
| Stamford | 156.5 | 194.3 | 176.6 | 17.7 | |
| Stratford | 104.6 | 116.9 | 158.6 | | 41.7 |
| Strathroy | 93.2 | 109.6 | 115.0 | | 5.4 |
| Streetsville | 251.1 | 318.4 | 360.6 | | 42.2 |
| Tavistock | 153.6 | 169.7 | 205.0 | | 35.3 |
| Thamesville | 108.6 | 97.9 | 120.9 | | 23.0 |
| Tilbury | 134.6 | 122.0 | 158.4 | | 36.4 |
| Tillsonburg | 314.4 | 324.9 | 369.8 | | 44.9 |
| Wallaceburg | 173.1 | 193.0 | 223.2 | | 30.2 |
| Walsingham | 144.3 | 182.0 | 239.8 | | 57.8 |
| Walton | 82.8 | 63.7 | 103.2 | | 39.5 |
| Waterdown | 676.2 | 763.1 | 983.4 | | 220.3 |
| Waterford | 174.9 | 218.2 | 215.0 | 3.2 | |
| Watford | 22.0 | 25.7 | 17.5 | 8.2 | |
| Welland | 1,079.1 | 1,083.6 | 1,168.9 | | 85.3 |
| Woodbridge | 537.9 | 512.9 | 594.3 | | 81.4 |
| Woodstock | 483.3 | 512.8 | 582.0 | | 69.2 |

## GEORGIAN BAY SYSTEM

The Georgian Bay system peak and average loads increased nearly five per cent over last year. The increase in average load each month over the corresponding month of last year was fairly uniform. The peak loads, however, decreased slightly from January to June inclusive, but in the remaining months increases of from three to twelve per cent over the corresponding months of last year were recorded. It is of interest to note that due to the proportionately heavy summer resort load, in the past two years the peaks for this system were established in July and August.

In spite of the increase in average load the transfer of energy from the Niagara system, through the Hanover frequency-changer set, showed a decrease of approximately thirteen per cent. This is due to the fact that more storage water was available for use at the system's hydraulic generating plants and consequently more energy was generated by these plants than in the previous year.

Power was supplied to the Orillia Water, Light and Power Commission from November 1, 1934, to August 31, 1935. 421,080 kilowatt-hours were supplied in this period.

### Generating Stations

At Eugenia Falls generating station improvements were made to the sewage systems for the plant and operators' houses by constructing additional septic tanks and disposal beds. No. 3 turbine was dismantled and the cheek plate facing rings, which were badly eroded, were re-surfaced. Improvements were made to the control room lighting by installing indirect lighting fixtures.

At Hanover generating station only routine maintenance was required. This plant was operated an average of ten hours per day throughout the year by the operators at the Hanover frequency-changer station.

At Southampton generating station a rock filled timber crib was constructed at the north end of the dam to replace a concrete retaining wall which was destroyed by an ice jam in the spring of 1935. Four new headgates were constructed and installed at the entrance to the headrace canal, and repairs were made to the headgate operating deck. The plant was not operating during the year.

At Walkerton generating station the No. 1 exciter unit was overhauled and new thrust and journal bearings were installed. Repairs were made to the cribs at the east end of the dam and to the walls in the turbine pits.

At Hanover frequency-changer station some trouble was experienced due to the bearings heating, and new oil rings were installed in all bearings. It was also necessary to scrape and refit one bearing. The insulation on one coil of the armature of the 25-cycle motor failed and was repaired without removing the coil from the machine.

At Big Chute generating station new equipment was installed to improve the facilities for synchronizing.

At South Falls generating station the 6,600-volt electrolytic lightning arresters on Hanna Chute generating station power and service feeders were replaced with lightning arresters of modern design.

At Hanna Chute generating station eroded areas on the turbine runner and draft tube were built up by metal spraying.

At Trethewey Falls generating station the turbine was unwatered and repairs made to overcome trouble due to the turbine gates sticking.

At Bala No. 1 generating station a new shaft and rotor winding were installed in No. 1 exciter.

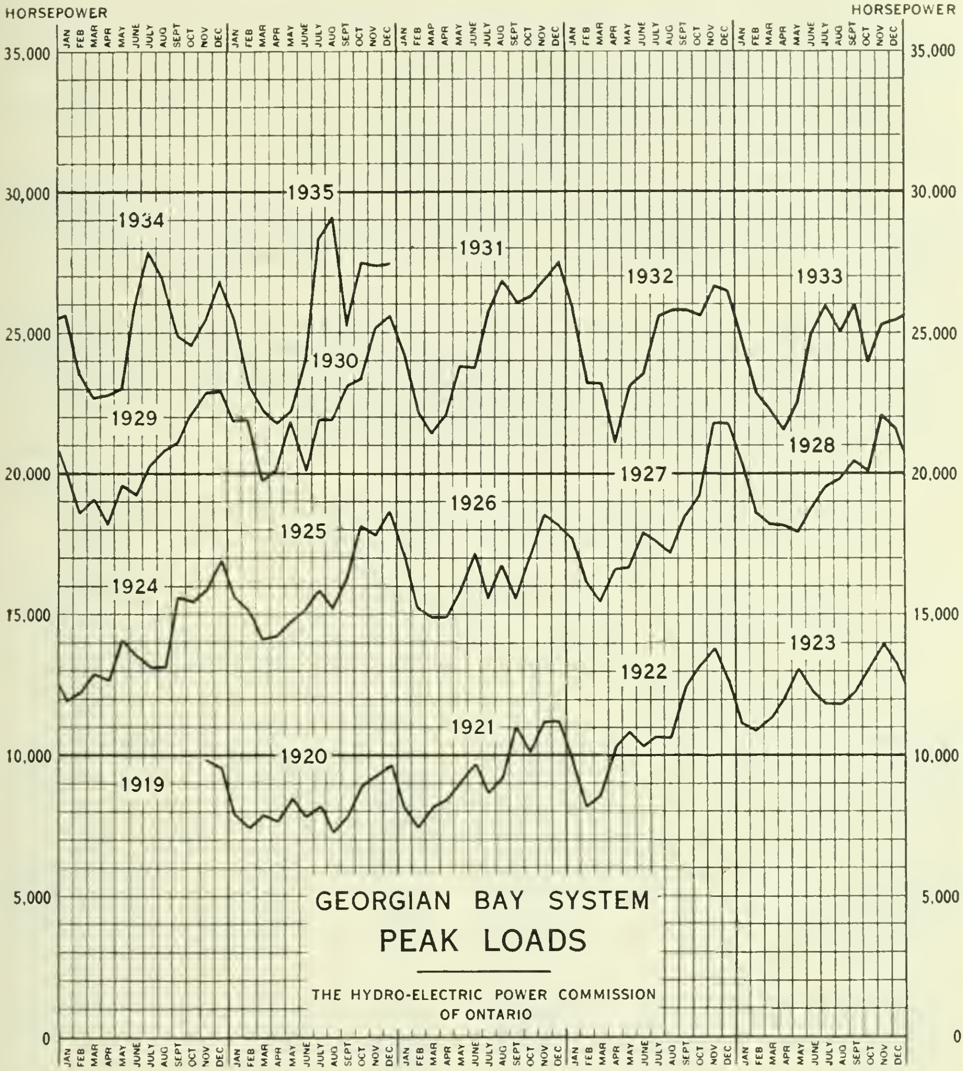
### Transformer and Distributing Stations

At Penetang a new 75-kv-a, 2,300/4,600-volt, single-phase transformer station with metering equipment was installed on the end of the distribution system to supply a portion of Midland rural power district.

At Orangeville distributing station a 25,000-volt lightning arrester which was destroyed by lightning was replaced.

At Elmwood distributing station the 4,000-volt fuses and lightning arresters were replaced.

Walkerton Quarry distributing station was dismantled as the small rural load formerly supplied from this station was transferred to another source of supply.



**NOTE:—The Georgian Bay system includes the Severn, Eugenia, Wasdells, Muskoka and Bala districts. In the diagram the load for the Muskoka district is not included until November, 1924. Details respecting this load for preceding years are given in earlier annual reports. The load of the Bala district is not included in above graph until April, 1931, previous meter records being incomplete.**

At Port Perry a new distributing station of 300-kv-a capacity was erected to serve Port Perry rural power district.

Thirteen municipalities were assisted with the operation and maintenance of their distribution systems on twenty-five occasions.

### Transmission Lines

Very little trouble was experienced in the operation of transmission lines. On two occasions sleet caused some damage but the area affected was not large. One severe windstorm caused eight poles to break in the southern end of the Severn district.

In the section of line between Bradford junction and Bradford, the steel power cable was replaced with steel-reinforced aluminum cable and additional guys were installed at the same time.

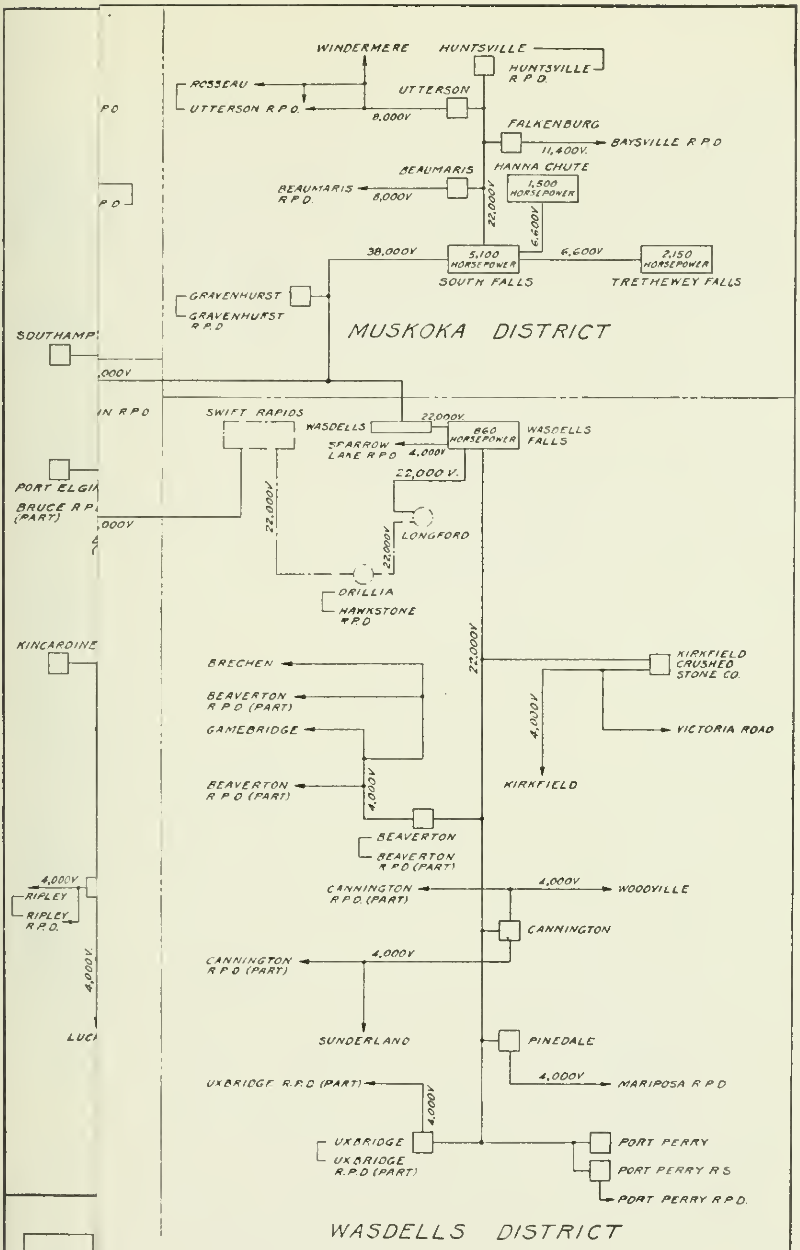
On the sections of line between Waubaushene and the southern extremity of the Severn district, 158 additional guys were erected.

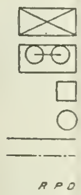
Due to changes in highway locations, it was necessary to move or lower certain poles between Flesherton and Dundalk, between Gamebridge and Beaverton, between Bracebridge and Huntsville and between Stayner and Creemore.

In addition to routine patrol and maintenance of lines, fifty defective poles were replaced, 275 poles were reinforced by the addition of stubs, 65 poles were lowered, and approximately 4,000 poles were given preservative treatment at the ground line. Approximately 3,300 defective insulator pins, 350 defective crossarms and 1,200 defective insulators were replaced.

GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Alliston | 198.0 | 212.3 | 210.3 | 2.0 | |
| Arthur | 132.7 | 136.7 | 130.0 | 6.7 | |
| Bala | 120.0 | 109.0 | 113.0 | | 4.0 |
| Barrie | 2,195.6 | 2,228.3 | 2,396.4 | | 168.1 |
| Beaverton | 179.7 | 175.0 | 175.6 | | 0.6 |
| Beeton | 114.3 | 105.7 | 97.5 | 8.2 | |
| Bradford | 140.0 | 161.9 | 171.8 | | 9.9 |
| Brechin | 45.4 | 47.5 | 62.8 | | 15.3 |
| Camp Borden | 263.4 | 247.0 | 272.4 | | 25.4 |
| Cannington | 152.8 | 141.2 | 145.3 | | 4.1 |
| Chatsworth | 61.2 | 53.2 | 56.3 | | 3.1 |
| Chesley | 464.0 | 423.6 | 492.6 | | 69.0 |
| Coldwater | 234.6 | 245.3 | 316.0 | | 70.7 |
| Collingwood | 1,293.8 | 1,139.1 | 1,206.2 | | 67.1 |
| Cookstown | 52.9 | 65.7 | 71.6 | | 5.9 |
| Creemore | 96.0 | 104.5 | 101.7 | 2.8 | |
| Dundalk | 163.0 | 145.0 | 198.4 | | 53.4 |
| Durham | 712.3 | 337.2 | 288.2 | 49.0 | |
| Elmvale | 148.8 | 134.8 | 152.4 | | 17.6 |
| Elmwood | 51.3 | 63.1 | 54.7 | 8.4 | |
| Flesherton | 75.9 | 87.2 | 79.2 | 8.0 | |
| Grand Valley | 108.3 | 101.2 | 106.4 | | 5.2 |
| Gravenhurst | 672.5 | 657.4 | 650.6 | 6.8 | |
| Hanover | 910.4 | 966.7 | 1,029.5 | | 62.8 |
| Hepworth | 25.7 | 26.9 | 32.9 | | 6.0 |
| Holstein | 16.6 | 16.6 | 18.2 | | 1.6 |
| Huntsville | 955.8 | 886.9 | 863.2 | 23.7 | |
| Kincardine | 564.3 | 560.8 | 552.7 | 8.1 | |
| Kirkfield | 22.8 | 26.9 | 25.8 | 1.1 | |
| Lucknow | 222.5 | 243.9 | 262.2 | | 18.3 |


WINDERMERE
HUNTSVILLE
HUNTSVILLE R.P.O.
ROSSEAU
UTTERSON R.P.O.
UTTERSON
8,000V
FALKENBURG
11,400V.
BAYSVILLE R.P.O
BEAUMARIS
HANNA CHUTE
1,500 HORSEPOWER
BEAUMARIS R.P.O.
8,000V
22,000V
6,600V
38,000V
5,100 HORSEPOWER
SOUTH FALLS
6,600V
2,150 HORSEPOWER
TRETHEWEY FALLS
GRAVENHURST
GRAVENHURST R.P.O
MUSKOKA DISTRICT
SOUTHAMP
,000V
N R.P.O
SWIFT RAPIDS
WASDELLS
22,000V.
860 HORSEPOWER
WASDELLS FALLS
SPARROW LAKE R.P.O
4,000V
22,000 V.
22,000V
LONGFORD
22,000V
ORILLIA
HAWKSTONE R.P.O
PORT ELGI
BRUCE R.P.
(PART)
,000V
KINCARDINE
BRECHEN
BEAVERTON R.P.O (PART)
GAMEBRIDGE
BEAVERTON R.P.O (PART)
4,000V
22,000V
KIRKFIELD CRUSHED STONE CO.
4,000V
VICTORIA ROAD
KIRKFIELD
BEAVERTON
BEAVERTON R.P.O (PART)
4,000V
RIPLEY
RIPLEY R.P.O.
4,000V.
LUC
CANNINGTON R.P.O. (PART)
4,000V
WOODVILLE
CANNINGTON
CANNINGTON R.P.O (PART)
4,000V
SUNDERLAND
PINEDALE
4,000V
MARIPOSA R.P.O
UXBRIDGE R.P.O (PART)
4,000V
UXBRIDGE
UXBRIDGE R.P.O (PART)
PORT PERRY
PORT PERRY R.S
PORT PERRY R.P.O.
WASDELLS DISTRICT



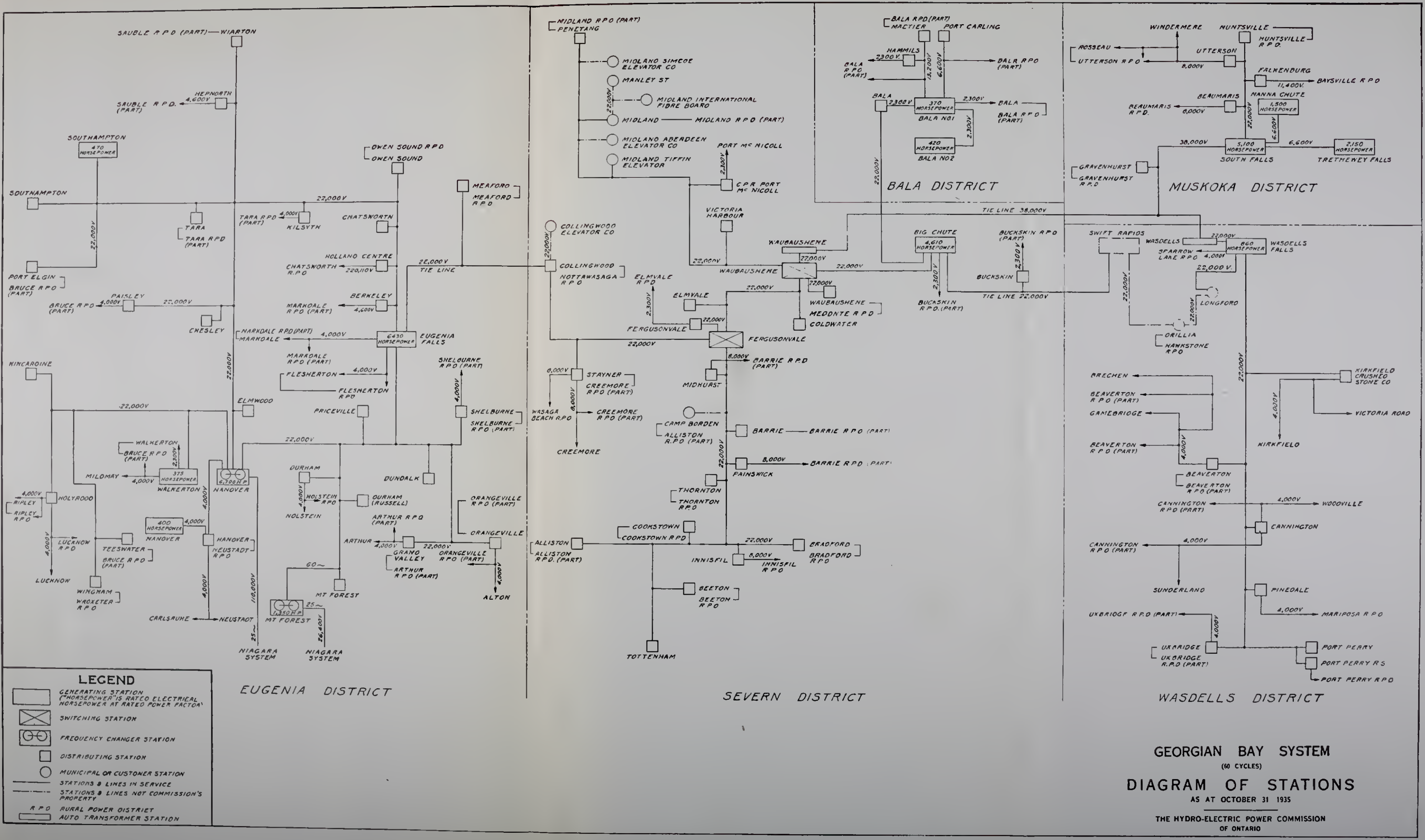
## GEORGIAN BAY SYSTEM

(60 CYCLES)

## DIAGRAM OF STATIONS

AS AT OCTOBER 31 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO


EUGENIA DISTRICT
SEVERN DISTRICT
BALA DISTRICT
MUSKOKA DISTRICT
WASDELLS DISTRICT
LEGEND
GENERATING STATION ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
SWITCHING STATION
FREQUENCY CHANGER STATION
DISTRIBUTING STATION
MUNICIPAL OR CUSTOMER STATION
STATIONS & LINES IN SERVICE
STATIONS & LINES NOT COMMISSION'S PROPERTY
R P D RURAL POWER DISTRICT
AUTO TRANSFORMER STATION
SAUBLE R P D (PART) — WIARTON
HEPWORTH 4,600V
SAUBLE R P D. (PART)
SOUTHAMPTON 470 HORSEPOWER
SOUTHAMPTON
22,000V
TARA
TARA R P D (PART)
TARA R P D (PART) 4,000V KILSYTH
OWEN SOUND R P D
OWEN SOUND
CHATSWORTH
HOLLAND CENTRE
CHATSWORTH R.P.D. 2200/110V
MEAFORD
MEAFORD R P D
22,000V TIE LINE
PORT ELGIN
BRUCE R P D (PART)
PAISLEY
BRUCE R P D (PART) 4,000V
CHESLEY
BERKELEY
MARKDALE R P D (PART) 4,600V
MARKDALE R.P.D.(PART)
MARKDALE 4,000V
6430 HORSEPOWER EUGENIA FALLS
MARKDALE R P D (PART)
FLESHERTON 4,000V
FLESHERTON R P D
SHELBURNE R P D (PART)
KINCARDINE
ELMWOOD
PRICEVILLE
SHELBURNE
SHELBURNE R P D (PART)
WALKERTON
BRUCE R P D (PART) 2,300V
MILDMAY 4,000V
375 HORSEPOWER WALKERTON
6,200 H P HANOVER
DURHAM
HOLSTEIN R P D
DURHAM (RUSSELL)
HOLSTEIN
DUNDALK
ORANGEVILLE R P D (PART)
ORANGEVILLE
ARTHUR R P D (PART)
ARTHUR 4,000V
GRAND VALLEY
ARTHUR R P D (PART)
ORANGEVILLE R P D (PART)
ALTON
HOLYROOD
RIPLEY
RIPLEY R P D
LUCKNOW R P D
LUCKNOW
400 HORSEPOWER HANOVER
HANOVER
NEUSTADT R P D
TEESWATER
BRUCE R P D (PART)
WINGHAM
WROXETER R P D
CARLSRUHE — NEUSTADT
NIAGARA SYSTEM
60~
25~
MT FOREST
1,350 H P MT FOREST
26,400V
NIAGARA SYSTEM
10,000V
MIDLAND R P D (PART)
PENETANG
MIDLAND SIMCOE ELEVATOR CO
MANLEY ST
MIDLAND INTERNATIONAL FIBRE BOARD
MIDLAND — MIDLAND R P D (PART)
MIDLAND ABERDEEN ELEVATOR CO
MIDLAND TIFFIN ELEVATOR
PORT MC NICOLL
C P R PORT MC NICOLL
VICTORIA HARBOUR
COLLINGWOOD ELEVATOR CO
COLLINGWOOD
NOTTAWASAGA R P D
ELMVALE R P D
ELMVALE
WAUBAUSHENE
WAUBAUSHENE
WAUBAUSHENE
MEDONTE R P D
COLDWATER
FERGUSONVALE
FERGUSONVALE
BARRIE R P D (PART)
MIDHURST
STAYNER
CREEMORE R P D (PART)
WASAGA BEACH R P D
CREEMORE R P D (PART)
CREEMORE
CAMP BORDEN
ALLISTON R.P.D (PART)
BARRIE — BARRIE R P D (PART)
PAINSWICK 8,000V BARRIE R P D (PART)
THORNTON
THORNTON R P D
COOKSTOWN
COOKSTOWN R P D
ALLISTON
ALLISTON R.P.D. (PART)
BRADFORD
BRADFORD R P D
INNISFIL
INNISFIL R P D
BEETON
BEETON R P D
TOTTENHAM
BALA R P D (PART)
MACTIER
PORT CARLING
HAMMILS 2300V
BALA R P D (PART)
13,200V
6,600V
BALA R P D (PART)
BALA 2300V
370 HORSEPOWER BALA NO1
2,300V BALA
BALA R P D (PART)
420 HORSEPOWER BALA NO2
TIE LINE 38,000V
BIG CHUTE 4,610 HORSEPOWER
BUCKSKIN R P D (PART)
BUCKSKIN
BUCKSKIN R P D (PART)
TIE LINE 22,000V
WINDERMERE
MUNTSVILLE
HUNTSVILLE R P D
ROSSEAU
UTTERSON
UTTERSON R P D 8,000V
FALKENBURG
11,400V BAYSVILLE R P D
BEAUMARIS
BEAUMARIS R P D 6,000V
HANNA CHUTE 1,500 HORSEPOWER
38,000V
5,100 HORSEPOWER SOUTH FALLS
6,600V
2,150 HORSEPOWER TRETHEWEY FALLS
GRAVENHURST
GRAVENHURST R P D
SWIFT RAPIDS
WASDELLS
860 HORSEPOWER WASDELLS FALLS
SPARROW LAKE R P D 4,000V
LONGFORD
ORILLIA
HAWKSTONE R P D
KIRKFIELD CRUSHED STONE CO
VICTORIA ROAD
KIRKFIELD
BRECHIN
BEAVERTON R P D (PART)
GAMEBRIDGE
BEAVERTON R P D (PART)
BEAVERTON
BEAVERTON R P D (PART)
CANNINGTON R P D (PART)
WOODVILLE
CANNINGTON
CANNINGTON R P D (PART)
SUNDERLAND
PINEDALE
MARIPOSA R P D
UXBRIDGE R P D (PART)
UXBRIDGE
UXBRIDGE R.P.D (PART)
PORT PERRY
PORT PERRY R S
PORT PERRY R P D

GEORGIAN BAY SYSTEM
(60 CYCLES)
DIAGRAM OF STATIONS
AS AT OCTOBER 31 1935
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## GEORGIAN BAY SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35—Continued

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Markdale | 179.4 | 152.4 | 151.7 | 0.7 | |
| MacTier | 111.0 | 122.0 | 134.0 | | 12.0 |
| Meaford | 395.4 | 413.5 | 467.1 | | 53.6 |
| Midland | 2,408.6 | 2,709.9 | 2,984.2 | | 274.3 |
| Mildmay | 71.5 | 74.5 | 81.0 | | 6.5 |
| Mount Forest | 329.5 | 373.7 | 412.8 | | 39.1 |
| Neustadt | 34.0 | 34.8 | 32.4 | 2.4 | |
| Orangeville | 585.4 | 518.8 | 529.8 | | 11.0 |
| Owen Sound | 3,077.0 | 3,205.6 | 3,307.8 | | 102.2 |
| Paisley | 118.6 | 117.9 | 116.0 | 1.9 | |
| Penetanguishene | 658.7 | 649.5 | 638.6 | 10.9 | |
| Port Carling | 105.0 | 70.0 | 87.0 | | 17.0 |
| Port Elgin | 262.5 | 218.7 | 318.3 | | 99.6 |
| Port McNicholl | 83.5 | 77.3 | 75.7 | 1.6 | |
| Port Perry | 156.6 | 209.4 | 238.8 | | 29.4 |
| Priceville | 16.7 | 17.8 | 15.1 | 2.7 | |
| Ripley | 60.3 | 60.3 | 58.3 | 2.0 | |
| Rosseau | 30.0 | 48.3 | 36.4 | 11.9 | |
| Shelburne | 192.9 | 235.0 | 224.1 | 10.9 | |
| Southampton | 205.9 | 242.0 | 214.0 | 28.0 | |
| Stayner | 169.3 | 195.0 | 196.1 | | 1.1 |
| Sunderland | 60.0 | 57.9 | 59.6 | | 1.7 |
| Tara | 82.2 | 72.4 | 81.7 | | 9.3 |
| Teeswater | 112.4 | 113.1 | 111.7 | 1.4 | |
| Thornton | 17.9 | 27.6 | 30.0 | | 2.4 |
| Tottenham | 62.2 | 59.9 | 61.0 | | 1.1 |
| Uxbridge | 202.2 | 209.2 | 226.9 | | 17.7 |
| Victoria Harbour | 77.3 | 65.4 | 71.3 | | 5.9 |
| Victoria Road | 10.0 | 10.0 | 10.6 | | 0.6 |
| Walkerton | 463.1 | 451.8 | 465.3 | | 13.5 |
| Waubaushene | 56.3 | 38.4 | 42.2 | | 3.8 |
| Wiarton | 232.2 | 234.9 | 256.7 | | 21.8 |
| Windermere | 33.0 | 24.6 | 23.6 | 1.0 | |
| Wingham | 290.5 | 371.8 | 374.8 | | 3.0 |
| Woodville | 55.2 | 55.6 | 64.6 | | 9.0 |

## GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Alliston | 69.3 | 74.5 | 86.9 | | 12.4 |
| Arthur | 3.2 | 3.2 | 3.2 | | |
| Bala | 93.0 | 144.0 | 152.0 | | 8.0 |
| Barrie | 233.4 | 227.4 | 240.8 | | 13.4 |
| Baysville | 45.5 | 42.9 | 64.3 | | 21.4 |
| Beaumaris | 110.0 | 112.6 | 116.0 | | 3.4 |
| Beaverton | 137.6 | 131.6 | 138.0 | | 6.4 |
| Beeton | 5.0 | 5.0 | 5.0 | | |
| Bradford | 42.8 | 46.1 | 55.5 | | 9.4 |
| Bruce | 103.3 | 94.7 | 141.4 | | 46.7 |

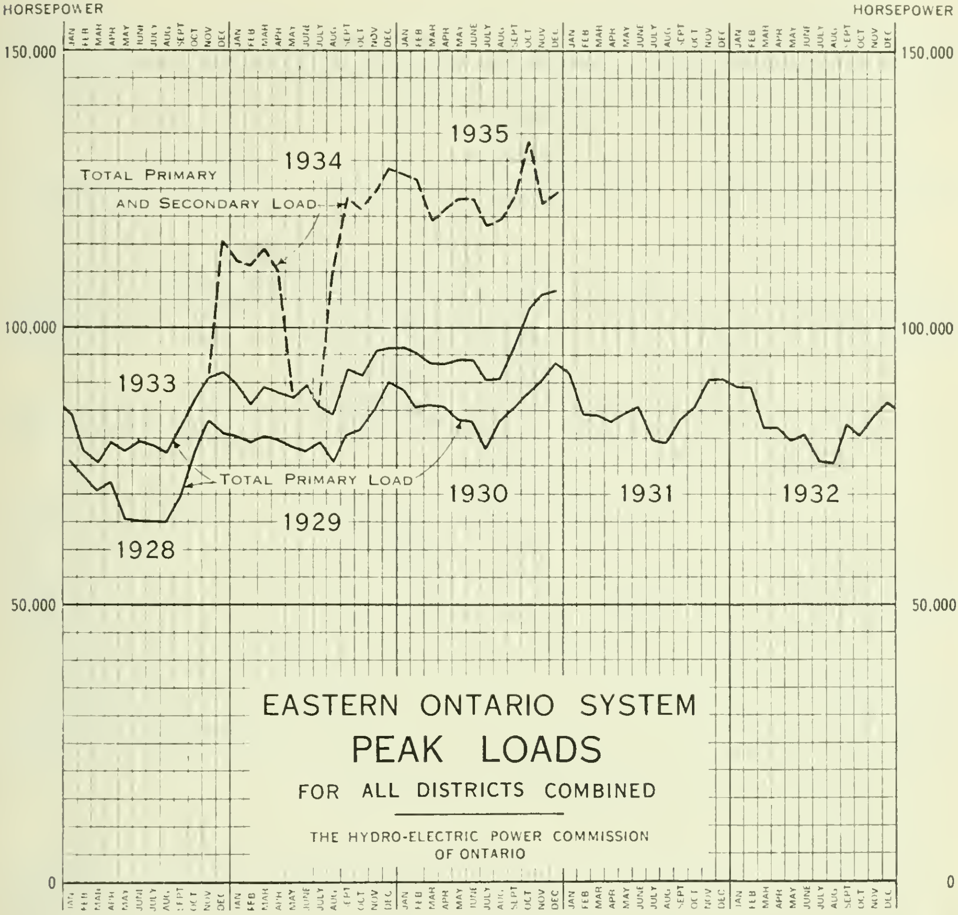
## GEORGIAN BAY SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35 —Concluded

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Buckskin | 12.0 | 17.9 | 19.3 | | 1.4 |
| Cannington | 35.7 | 50.5 | 51.9 | | 1.4 |
| Chatsworth | 8.9 | 8.7 | 7.3 | 1.4 | |
| Cookstown | 0.8 | 0.8 | 0.8 | | |
| Creemore | 55.0 | 55.0 | 55.0 | | |
| Elmvale | 66.3 | 65.5 | 67.0 | | 1.5 |
| Flesherton | 8.0 | 7.7 | 8.3 | | 0.6 |
| Gravenhurst | 27.7 | 26.7 | 22.3 | 4.4 | |
| Hawkestone | 93.4 | 101.8 | 75.6 | 26.2 | |
| Huntsville | 48.2 | 59.5 | 57.8 | 1.7 | |
| Innisfil | 191.7 | 179.6 | 127.3 | 52.3 | |
| Mariposa | 136.2 | 142.9 | 152.5 | | 9.6 |
| Markdale | 33.4 | 37.9 | 41.4 | | 3.5 |
| Medonte | 21.0 | 20.0 | 19.0 | 1.0 | |
| Midland | 21.0 | 22.0 | 41.1 | | 19.1 |
| Nottawasaga | 28.1 | 32.8 | 32.4 | 0.4 | |
| Orangeville | 34.9 | 36.1 | 47.9 | | 11.8 |
| Owen Sound | 53.0 | 37.0 | 36.7 | 0.3 | |
| Port Perry | 141.0 | 112.0 | 124.6 | | 12.6 |
| Ripley | 10.3 | 10.3 | 10.3 | | |
| Sauble | 12.3 | 9.2 | 7.8 | 1.4 | |
| Shelburne | 29.3 | 31.1 | 31.6 | | 0.5 |
| Sparrow Lake | 124.1 | 128.7 | 106.3 | 22.4 | |
| Tara | 50.0 | 51.5 | 58.3 | | 6.8 |
| Thornton | 16.3 | 13.1 | 13.6 | | 0.5 |
| Utterson | 43.9 | 35.0 | 47.6 | | 12.6 |
| Uxbridge | 105.1 | 97.4 | 121.3 | | 23.9 |
| Wasaga Beach | 114.6 | 86.0 | 79.0 | 7.0 | |
| Wroxeter | 106.2 | 106.7 | 110.9 | | 4.2 |

## EASTERN ONTARIO SYSTEM

The load on the Eastern Ontario system continued to show substantial gains. The monthly primary load peaks exceeded the corresponding peaks in any year. The maximum primary peak increased 11.9 per cent, and the total primary kilowatt-hours increased 6.7 per cent over 1934.

Secondary power was supplied to the steam generator at the Howard Smith Paper Mills at Cornwall at full generator capacity throughout the year, except for normal week-end reductions or shut downs for inspection and repair. 148,323,900 kilowatt-hours were delivered to the steam generator, of which 96,798,858 were derived from surplus energy available from the normally interconnected system sources, and the balance of 51,525,042 by transfer, under special arrangements with the Gatineau Power Company, from the 25-cycle contract for the Niagara system.



In order to facilitate the transfer of surplus capacity available from the Commission's generating sources in the Madawaska district a 33,000-volt tie line was established between Galetta and Smiths Falls transformer station. This extension included a section of the Rideau district lines which normally supplied power to Carleton Place at 26,400 volts. The tie line was connected directly to the 33-000-volt Madawaska district trunk line at a point near Galetta and terminated in a bank of three 1,500-kv-a, 33,000/2,400-volt transformers at Smiths Falls transformer station. The Madawaska and Rideau districts are normally paralleled on the 2,400-volt bus at this station. The capacity of the step-up connection between the 2,400-volt and 44,000-volt busses at Smiths Falls transformer station was increased from 1,500-kv-a to 2,250-kv-a by the installation of an additional 750-kv-a transformer. In order to supply power to the town of Carleton Place from the line now operating at 33,000 volts an outdoor 750-kv-a transformer station was constructed on the property immediately adjacent to the generating station. This station, in common with the newly established 33,000-volt tie line, was placed in service on September 1.

An interconnection with the Niagara system was provided by the installation of a 45,000-kv-a, 25-60-cycle frequency-changer set at Chats Falls generating station, and the construction of a short 110,000-volt, wood-pole line, providing facilities whereby Ottawa transformer station could be connected to the Niagara system high-voltage lines in the vicinity of Ottawa.

Stream flow and storage conditions on the various watersheds in the system were, from a power generation viewpoint, uniformly satisfactory throughout the year.

In order to supply power to the village of Cobden in the Madawaska district a 225-kv-a, 3-phase, 6,600/2,300-volt transformer station was constructed at the western limits of the village and placed in service on November 26. Power is supplied to this transformer station over a newly constructed 6,600-volt transmission line extending from Renfrew.

A new 100-kv-a, single-phase, 26,400/6,600-volt transformer station was erected at the outskirts of Perth to serve the Perth rural power district. This station was placed in service on July 28.

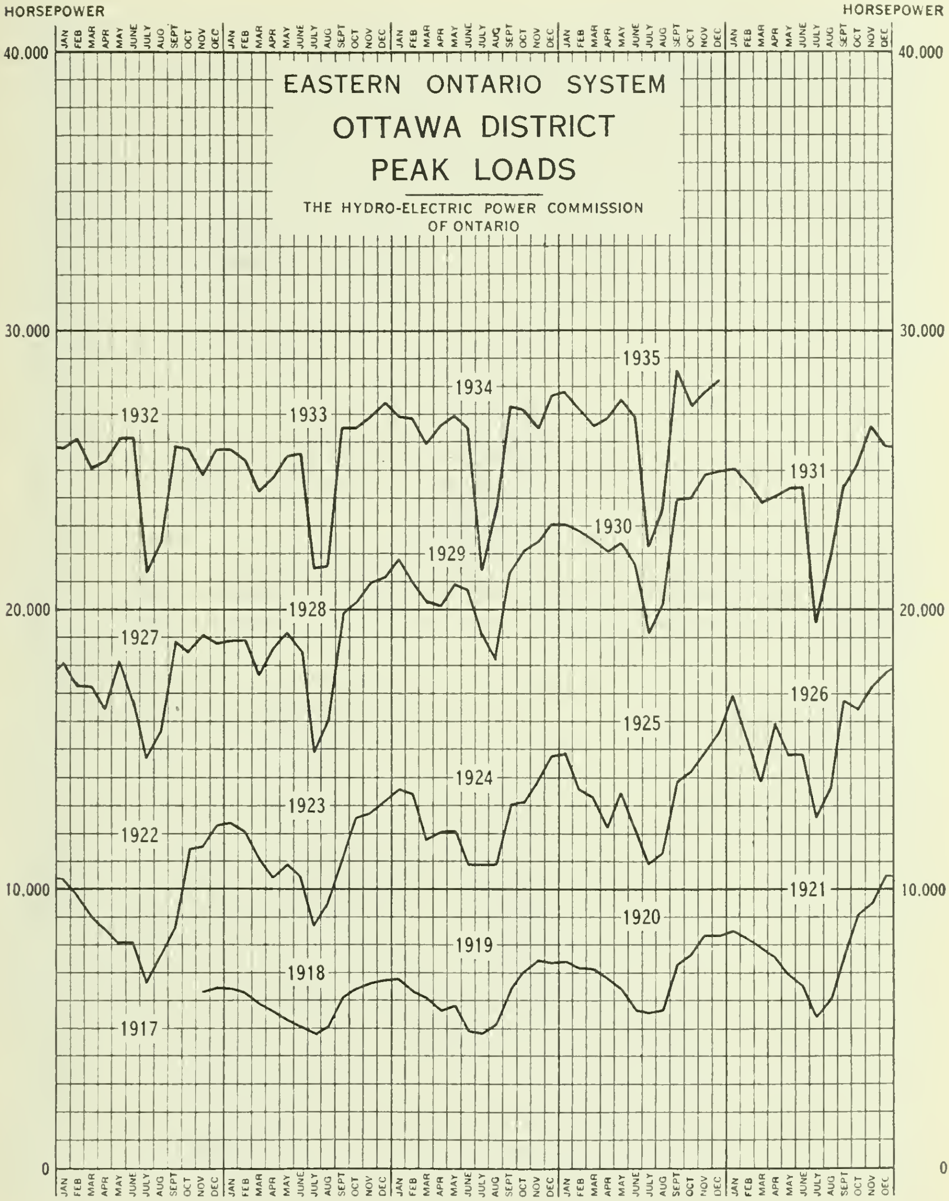
During the year the usual programme of general plant inspection and maintenance was carried out. All turbines were unwatered and inspected and minor repairs and adjustments made. Where possible and necessary, forebays were unwatered, racks thoroughly cleaned, sunken debris removed, and those portions of the concrete usually under water carefully inspected. The governors in the various plants were inspected and adjusted. Lightning arresters were all carefully inspected and overhauled during the winter. High-tension oil-breakers were inspected and overhauled in accordance with the number of times they had operated under trouble conditions. The usual programme of painting buildings, structures and apparatus was carried out at numerous places. Some of the work is outlined in the following paragraphs.

### Generating Stations

At Sidney, plant No. C-2, two concrete piers on the downstream side of the plant were repaired. The 6,600-volt outgoing feeders were all rearranged, giving the station a much neater appearance from the highway which passes in front of the plant. The station site was further improved with the planting of approximately 58,000 seedling trees.

At Meyersburg, plant No. C-8, the windings of all generators were treated with an insulating paint which was applied by spray gun. The core of one of the 2,000-kv-a transformers was removed from the tank for inspection, and the oil in all transformers was filtered. The 44,000-volt oil-breaker on the station service transformer was removed and replaced by fuses as it could be used to better advantage elsewhere. The relay system was improved by using pilot wires between the plant and Ranney Falls, from which station plant No. C-8 is controlled. The 48-volt station storage battery was replaced.

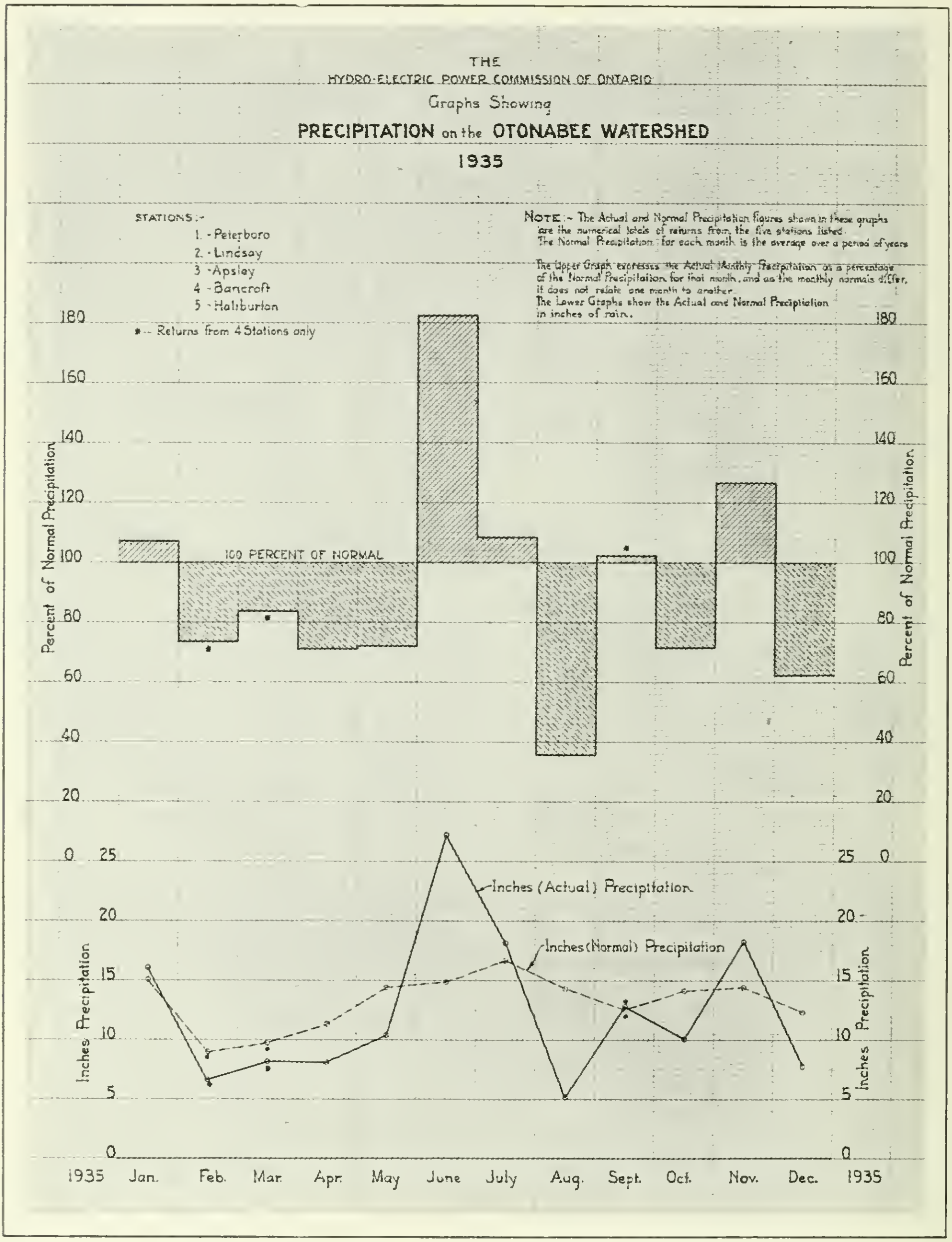
At Hagues Reach, plant No. C-9, the windings of all generators were treated with an insulating paint which was applied by spray gun. The 44,000-volt oil-breaker on the station service transformer was removed and replaced by fuses as it could be used to better advantage elsewhere. This also applies to an oil-breaker which was removed from one of the high-tension lines leaving this station, the line being connected permanently to the high-tension bus. A number of defective high-tension bushings were replaced on the 44,000-volt oil-breakers.



At Ranney Falls, plant No. C-10, a considerable amount of routine maintenance work was carried out. Three broken gate arms were replaced on one of the turbines. Extensive painting was done inside the plant.

At Seymour, plant No. C-11, one of the main turbines was dismantled, the shaft was trued up, the lower guide bearing rebabbitted and the turbine generally overhauled. Twelve new stop logs were framed and creosoted.

At Heely Falls, plant No. C-14, the downstream runner of one turbine was badly eroded, and effective repairs were made by welding. The concrete



THE
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
Graphs Showing
PRECIPITATION on the OTONABEE WATERSHED
1935

NOTE:- The Actual and Normal Precipitation figures shown in these graphs are the numerical totals of returns from the five stations listed.
The Normal Precipitation for each month is the average over a period of years

The Upper Graph expresses the Actual Monthly Precipitation as a percentage of the Normal Precipitation for that month, and as the monthly normals differ, it does not relate one month to another.
The Lower Graphs show the Actual and Normal Precipitation in inches of rain.

STATIONS:-
1. - Peterboro
2. - Lindsay
3 - Apsley
4 - Bancroft
5 - Haliburton
* -- Returns from 4 Stations only
Percent of Normal Precipitation
180
160
140
120
100
80
60
40
20
0
100 PERCENT OF NORMAL
Inches (Actual) Precipitation
Inches (Normal) Precipitation
Inches Precipitation
25
20
15
10
5
0
1935
Jan.
Feb.
Mar.
Apr.
May
June
July
Aug.
Sept.
Oct.
Nov.
Dec.
1935

PLATE A—PRECIPITATION DATA—1935

The upper graph represents the estimated actual monthly precipitation on the Otonabee watershed expressed as a percentage of the normal precipitation.

The estimate is based upon the actual and normal return of the Meteorological Service for Peterboro, Lindsay, Bancroft and Haliburton.

Although the numerical values differ from month to month the normal precipitation is taken as 100 per cent. hence the solidity hatched areas represent the amount by which the precipitation exceeded the average while the dotted hatched area represents in a similar manner the deficiencies.

The lower graph shows the actual and normal precipitation in inches of rain.

Graph No. 3—Average daily wastage at all H-E.P.C. plants. In the weekly aggregate the area under this graph equals the wastage represented by the dotted hatched area between curves 2 and 1a.
Graph No. 5—Midnight elevations of Rice Lake.
Graph No. 6—Midnight elevations of Heely-Hastings reach.

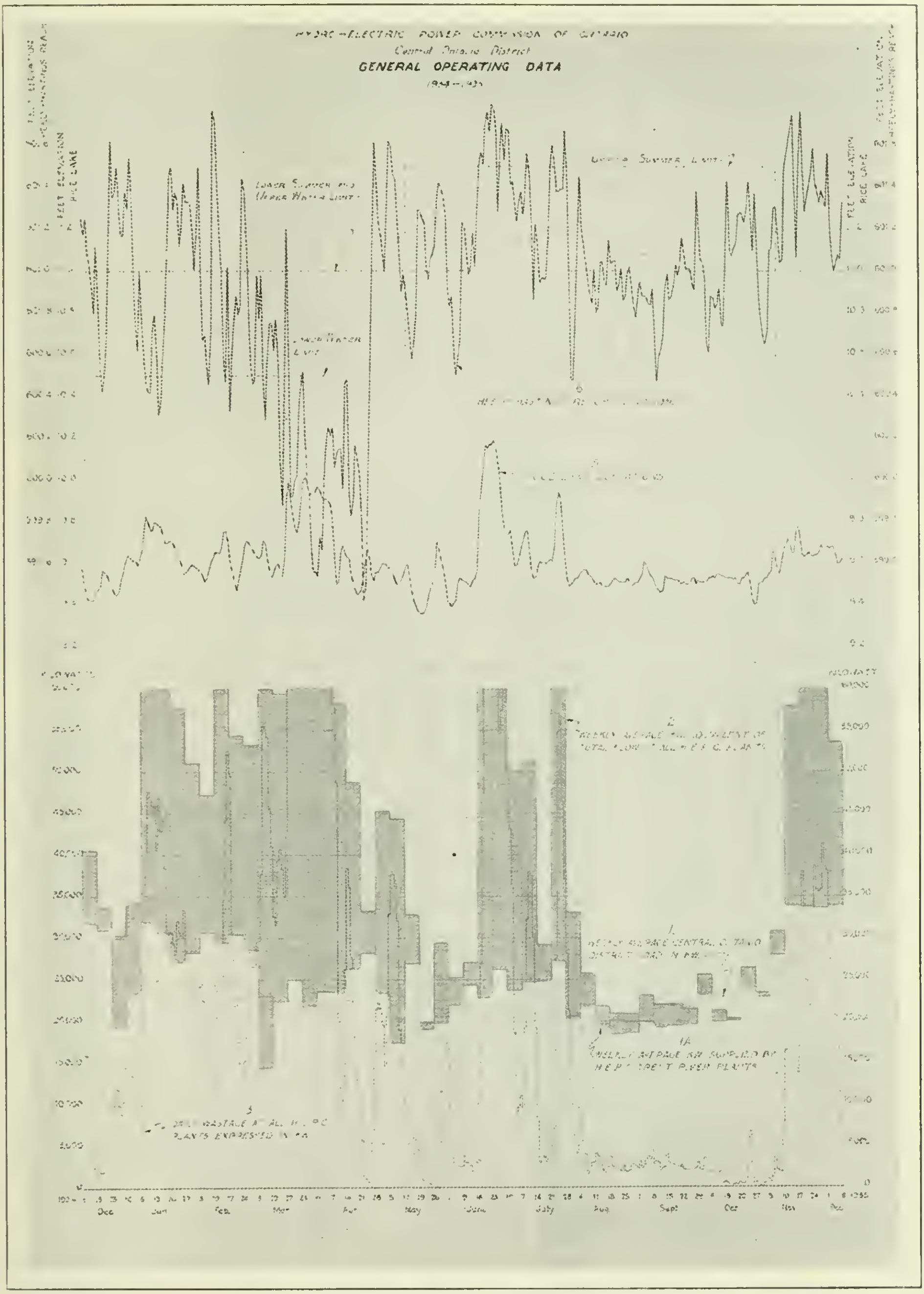


**PLATE B—GENERAL OPERATING DATA**

December 9, 1934, to December 8, 1935

Notes for Eastern Ontario District General Operating Data Curves

**Graph No. 1**—System average weekly load in kilowatts which includes power purchased from the Gatineau Power Company.

**Graph No. 1a**—Weekly average load in kilowatts supplied by H-E.P.C. plants on the Trent and Otonabee rivers.

**Graph No. 2**—Weekly average power equivalent of total flow at all H-E.P.C. Plants. This equals the weekly average load supplied by these plants, plus the power equivalent of the weekly average wastage at these plants. This wastage is shown by the dotted hatched area between curves 2 and 1a.

(Explanation continued on page 40, facing)

gains in the trash slide were repaired. Sections of brickwork over some of the windows and the main entrance door were replaced.

At Auburn, plant No. C-18, all turbines were overhauled, broken gates being replaced in two of the units. A number of defective bushings were replaced on the high-tension oil-breakers.

At Fenelon Falls, plant No. C-30, the turbines were unwatered and inspected, and one broken gate was repaired by welding. Defective collector rings were replaced on No. 1 generator, and 64 coils were replaced on No. 2 generator which failed in service.

At High Falls generating station on the Mississippi river approximately 25 feet of the wood-stave pipe line was badly rotted and had to be replaced. A new set of 46 stop logs was framed for use at the head gate.

At Calabogie generating station on the Madawaska river a new timber head-gate gantry was erected, replacing the old gantry, the timbers of which had become badly rotted.

### Municipal, Distributing and Switching Stations

At Belleville No. 1 distributing station the cores were removed from the tanks of the five 750-kv-a transformers and thoroughly cleaned. The water-cooling coils of all transformers were scraped and examined, and the oil filtered.

At Belleville switching station the old type oil-breakers on three of the high-tension lines were replaced by the oil-breakers removed from plants No. C-8 and C-9. All the disconnecting switches and air-break switches were overhauled, and all insulator units were tested.

At Brockville a second 44,000-volt circuit was extended into the distributing station, and an additional 44,000-volt oil-breaker was installed, thereby providing a double source of supply to Brockville.

At Cornwall transformer station a number of operating betterments were carried out, included in which was the installation of an oil-breaker on the 44,000-volt line feeding north to Alexandria. A new 130-volt station battery was installed in connection with the operation of the relay system, oil-breakers, etc., at this station.

At Cardinal distributing station the 300-kv-a transformer was replaced owing to trouble which developed in the transformer, the primary cause of which was leakage of the oil when numerous small punctures developed in the tank.

At Arnprior distributing station an oil-breaker and disconnecting switches were installed on the low-voltage side of the 450-kv-a bank of transformers.

At Port Hope switching station a number of defective timbers were replaced in the structure, pin-type insulators were replaced by strain-type units, and obsolete grounding switches were replaced by switches of recent manufacture.

### High-Voltage Transmission Lines

The inspection and maintenance of high-voltage transmission lines was actively carried out during the year. 21,000 pin-type insulators were tested or inspected, of which 1,750 were found defective and replaced. 748 poles were stubbed, and 156 poles were replaced due to rot at the ground line. The operating mechanism on a number of the 44,000-volt line air-break switches was changed from the rotating to the lever type, thereby providing a much safer and more positive operation. On August 1, during a wind storm of cyclonic proportions, a steel tower on the 110,000-volt line, which extends between

Ottawa and Cornwall, collapsed and was completely destroyed. Service was restored by the erection of a temporary wood-pole structure, the steel tower being replaced at a later date. A number of highway, railway and foreign wire crossings were rebuilt to conform with present day standard requirements. The usual programme of tree trimming and weed cutting was carried out on the various high-tension and low-tension line sections.

### Meter Department and Repair Shops

An extensive programme of routine field work was carried out by the Meter department. Special tests relating to telephone interference, ground conductivity and voltage conditions were made at different points on the system. The department is responsible for the operation and maintenance of all metering and relay equipment on the system, and is available on request to any municipality wishing to have electrical measurements made or technical problems investigated.

The Belleville machine and meter repair shop continued to test and repair service meters for municipal and rural systems. 3,332 meters were repaired and 1,035 new meters handled. Over 500 samples of oil received from the field were tested during the year.

EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Alexandria | 227.7 | 207.4 | 207.1 | 0.3 | |
| Apple Hill | 32.4 | 30.3 | 31.9 | | 1.6 |
| Athens | 74.4 | 74.4 | 77.7 | | 3.3 |
| Bath | 29.2 | 27.3 | 27.8 | | 0.5 |
| Belleville | 3,786.6 | 3,866.9 | 4,235.0 | | 368.1 |
| Bloomfield | 76.1 | 76.3 | 76.5 | | 0.2 |
| Bowmanville | 1,528.8 | 1,688.1 | 1,765.8 | | 77.7 |
| Brighton | 279.9 | 267.8 | 274.0 | | 6.2 |
| Brockville | 2,329.1 | 2,497.3 | 2,628.6 | | 131.3 |
| Cardinal | 142.3 | 148.4 | 154.1 | | 5.7 |
| Carleton Place | 1,030.8 | 1,014.7 | 1,288.8 | | 274.1 |
| Chesterville | 159.9 | 170.1 | 230.5 | | 60.4 |
| Cobourg | 1,501.3 | 1,317.7 | 1,396.8 | | 79.1 |
| Colborne | 126.8 | 137.0 | 133.5 | 3.5 | |
| Deseronto | 118.5 | 126.6 | 131.8 | | 5.2 |
| Finch | 44.9 | 43.5 | 53.5 | | 10.0 |
| Hastings | 73.9 | 87.4 | 85.9 | 1.5 | |
| Havelock | 131.3 | 126.1 | 117.5 | 8.6 | |
| Kemptville | 246.2 | 272.1 | 290.8 | | 18.7 |
| Kingston | 5,429.6 | 5,921.3 | 6,478.5 | | 557.2 |
| Lakefield | 223.8 | 206.1 | 233.7 | | 27.6 |
| Lanark | 71.8 | 79.0 | 74.8 | 4.2 | |
| Lancaster | 43.8 | 36.0 | 47.2 | | 11.2 |
| Lindsay | 1,760.1 | 1,866.1 | 1,913.0 | | 46.9 |
| Madoc | 152.1 | 146.6 | 161.6 | | 15.0 |
| Marmora | 84.7 | 94.2 | 93.3 | 0.9 | |
| Martintown | 21.8 | 22.5 | 25.3 | | 2.8 |
| Maxville | 85.2 | 73.4 | 87.1 | | 13.7 |
| Millbrook | 75.6 | 76.5 | 66.5 | 10.0 | |
| Napanee | 978.7 | 953.2 | 1,043.6 | | 90.4 |

### EASTERN ONTARIO SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35 —Continued

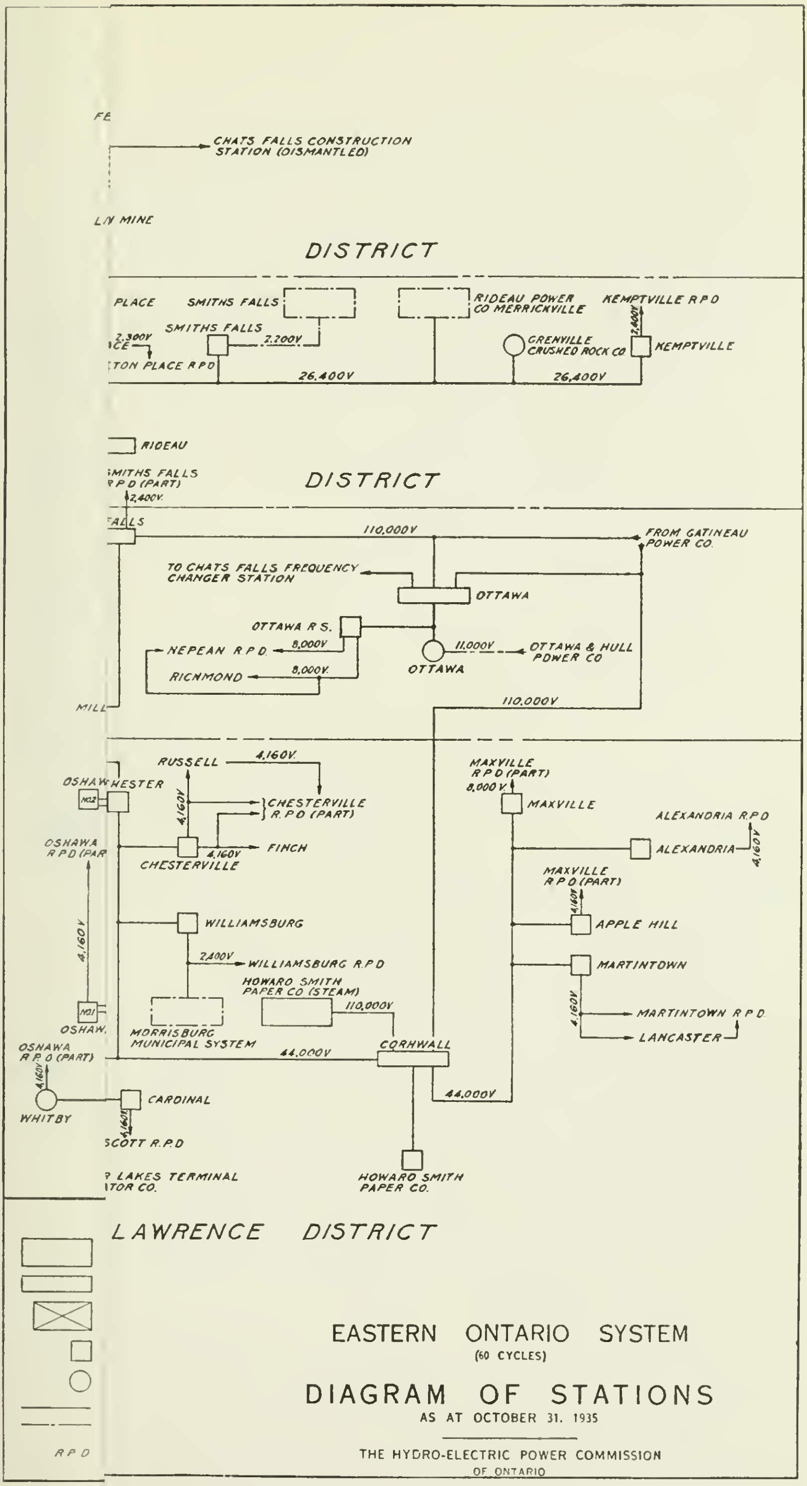
| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Newburgh | 45.6 | 39.5 | 40.1 | | 0.6 |
| Newcastle | 101.0 | 102.5 | 109.1 | | 6.6 |
| Norwood | 96.1 | 102.0 | 95.2 | 6.8 | |
| Omemee | 97.7 | 102.0 | 128.8 | | 26.8 |
| Orono | 78.6 | 74.9 | 76.7 | | 1.8 |
| Oshawa | 6,722.5 | 8,859.2 | 12,690.2 | | 3,831.0 |
| Ottawa | 26,208.0 | 26,954.1 | 26,869.9 | 84.2 | |
| Perth | 1,135.4 | 1,139.4 | 1,254.1 | | 114.7 |
| Peterborough | 6,407.7 | 6,095.3 | 7,140.3 | | 1,045.0 |
| Picton | 869.8 | 868.7 | 864.3 | 4.4 | |
| Port Hope | 1,149.1 | 1,178.6 | 1,358.4 | | 179.8 |
| Prescott | 696.5 | 705.8 | 758.1 | | 52.3 |
| Richmond | 47.4 | 47.7 | 45.5 | 2.2 | |
| Russell | 51.1 | 41.3 | 42.4 | | 1.1 |
| Smiths Falls | 1,468.4 | 1,549.6 | 1,626.1 | | 76.5 |
| Stirling | 213.1 | 243.9 | 257.3 | | 13.4 |
| Trenton | 2,911.1 | 2,948.5 | 2,985.3 | | 36.8 |
| Tweed | 145.9 | 165.8 | 162.7 | 3.1 | |
| Warkworth | 73.4 | 64.9 | 63.8 | 1.1 | |
| Wellington | 167.5 | 199.7 | 177.4 | 22.3 | |
| Westport | 69.4 | 68.3 | 69.9 | | 1.6 |
| Whitby | 987.9 | 994.6 | 966.5 | 28.1 | |
| Williamsburg | 198.4 | 212.4 | 236.8 | | 24.4 |
| Winchester | 231.5 | 213.2 | 234.8 | | 21.6 |

### EASTERN ONTARIO SYSTEM—LOADS OF NEW MUNICIPALITY

| Municipality | Date connected | Initial load | Oct. 1935 | Change in load | |
|---|---|---|---|---|---|
| | | | | Decrease | Increase |
| Cobden | Nov. 26, 1934 | 56.3 | 53.6 | 2.7 | |

### EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35

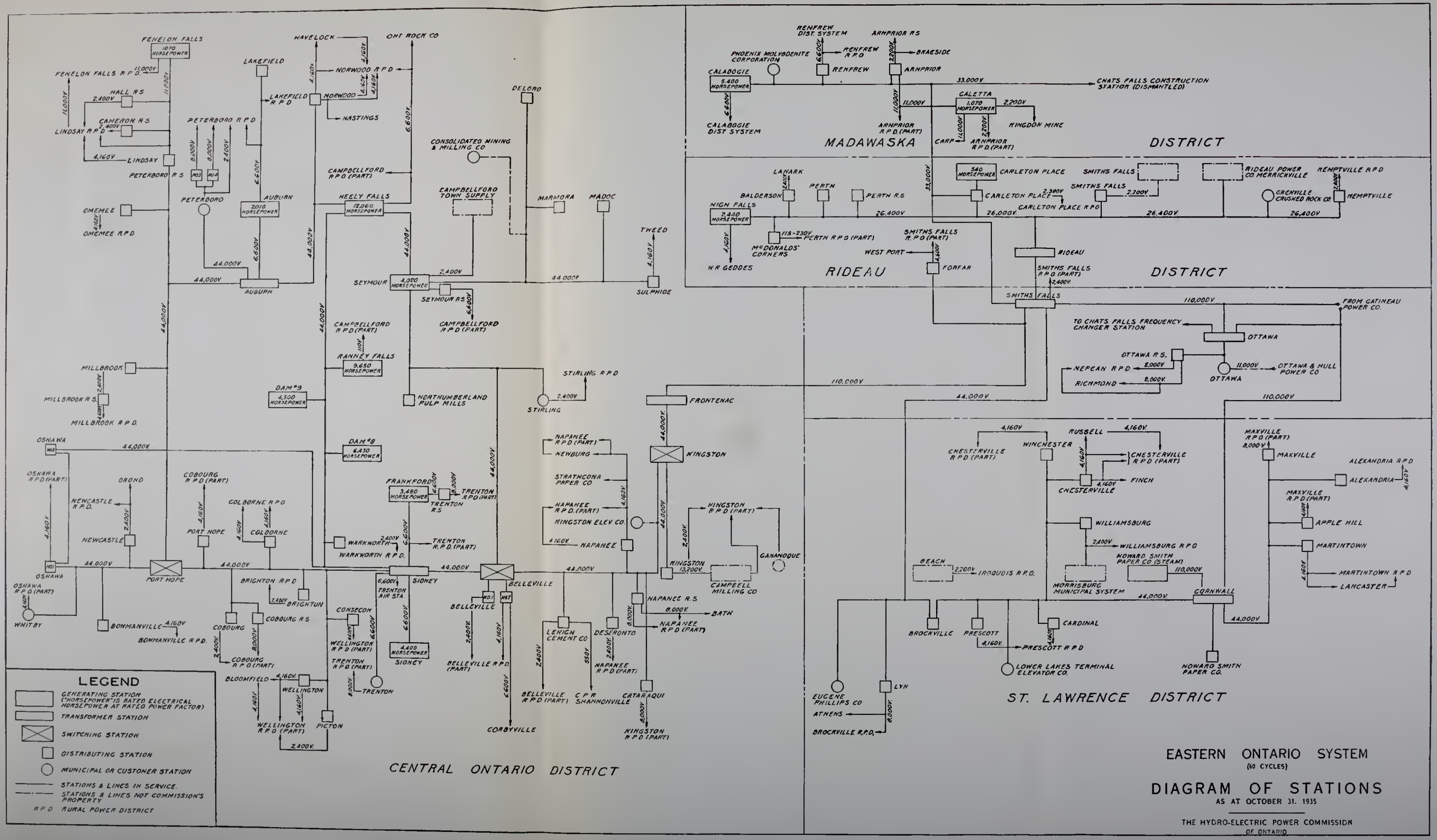
| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Alexandria | 31.5 | 31.0 | 33.2 | | 2.2 |
| Belleville | 324.8 | 310.8 | 347.4 | | 36.6 |
| Bowmanville | 106.4 | 102.7 | 112.2 | | 9.5 |
| Brighton | 22.8 | 22.8 | 23.3 | | 0.5 |
| Brockville | 298.2 | 278.1 | 325.8 | | 47.7 |
| Campbellford | 69.5 | 65.6 | 57.7 | 7.9 | |
| Chesterville | 184.3 | 170.1 | 199.1 | | 29.0 |
| Cobourg | 270.7 | 279.1 | 303.0 | | 23.9 |
| Colborne | 120.0 | 97.8 | 92.0 | 5.8 | |
| Fenelon Falls | 52.5 | 48.9 | 97.2 | | 48.3 |


FE
CHATS FALLS CONSTRUCTION STATION (DISMANTLED)
L/N MINE
DISTRICT
PLACE
SMITHS FALLS
RIDEAU POWER CO MERRICKVILLE
KEMPTVILLE R.P.D
SMITHS FALLS
2,300V
CE
2,200V
2,400V
GRENVILLE CRUSHED ROCK CO
KEMPTVILLE
TON PLACE R.P.D
26,400V
26,400V
RIDEAU
SMITHS FALLS R.P.D (PART)
DISTRICT
2,400V
FALLS
110,000V
FROM GATINEAU POWER CO.
TO CHATS FALLS FREQUENCY CHANGER STATION
OTTAWA
OTTAWA R.S.
NEPEAN R.P.D.
8,000V
11,000V
OTTAWA & HULL POWER CO
OTTAWA
RICHMOND
8,000V
110,000V
MILL
RUSSELL
4,160V
MAXVILLE R.P.D (PART)
8,000 V.
MAXVILLE
OSHAW
HESTER
CHESTERVILLE R.P.D (PART)
4,160V
ALEXANDRIA R.P.D
OSHAWA R.P.D (PAR
FINCH
ALEXANDRIA
4,160V
4,160V
CHESTERVILLE
MAXVILLE R.P.D (PART)
4,160V
APPLE HILL
WILLIAMSBURG
4,160V
2,400V
WILLIAMSBURG R.P.D
MARTINTOWN
HOWARD SMITH PAPER CO (STEAM)
110,000V
4,160V
MARTINTOWN R.P.D.
OSHAW
MORRISBURG MUNICIPAL SYSTEM
LANCASTER
CORNWALL
OSHAWA R.P.D (PART)
44,000V
4,160V
44,000V
WHITBY
CARDINAL
4,160V
SCOTT R.P.D
LAKES TERMINAL
TOR CO.
HOWARD SMITH PAPER CO.
LAWRENCE DISTRICT
R.P.D

EASTERN ONTARIO SYSTEM
(60 CYCLES)

DIAGRAM OF STATIONS
AS AT OCTOBER 31, 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO


FENELON FALLS
1070 HORSEPOWER
FENELON FALLS R.P.D.
HALL R.S
CAMERON R.S
LINDSAY R.P.D
LINDSAY
PETERBORO R.S
PETERBORO R.P.D
PETERBORO
LAKEFIELD
LAKEFIELD R.P.D
AUBURN
2010 HORSEPOWER
HAVELOCK
NORWOOD R.P.D
NORWOOD
HASTINGS
ONT ROCK CO
DELORO
CONSOLIDATED MINING & MILLING CO
CAMPBELLFORD R.P.D (PART)
HEELY FALLS
12,060 HORSEPOWER
CAMPBELLFORD TOWN SUPPLY
MARMORA
MADOC
TWEED
SULPHIDE
SEYMOUR
4,000 HORSEPOWER
SEYMOUR R.S
CAMPBELLFORD R.P.D (PART)
OMEMEE
OMEMEE R.P.D
MILLBROOK
MILLBROOK R.S
MILLBROOK R.P.D.
RANNEY FALLS
9,650 HORSEPOWER
DAM No 9
4,500 HORSEPOWER
DAM No 8
6,430 HORSEPOWER
NORTHUMBERLAND PULP MILLS
STIRLING R.P.D
STIRLING
FRONTENAC
OSHAWA
OSHAWA R.P.D (PART)
ORONO
NEWCASTLE R.P.D.
NEWCASTLE
COBOURG R.P.D (PART)
PORT HOPE
COLBORNE R.P.D
COLBORNE
FRANKFORD
3,480 HORSEPOWER
TRENTON R.S
TRENTON R.P.D (PART)
WARKWORTH
WARKWORTH R.P.D
SIDNEY
TRENTON AIR STA.
BELLEVILLE
NAPANEE R.P.D (PART)
NEWBURG
STRATHCONA PAPER CO
KINGSTON ELEV. CO.
NAPANEE
KINGSTON
KINGSTON R.P.D (PART)
GANANOQUE
CAMPBELL MILLING CO
NAPANEE R.S
BATH
WHITBY
OSHAWA R.P.D (PART)
BOWMANVILLE
BOWMANVILLE R.P.D.
BRIGHTON R.P.D
BRIGHTON
COBOURG
COBOURG R.S
COBOURG R.P.D (PART)
CONSECON
WELLINGTON R.P.D (PART)
4,400 HORSEPOWER
SIDNEY
TRENTON R.P.D (PART)
TRENTON
BLOOMFIELD
WELLINGTON
WELLINGTON R.P.D (PART)
PICTON
BELLEVILLE R.P.D. (PART)
CORBYVILLE
LEHIGH CEMENT CO
DESERONTO
NAPANEE R.P.D (PART)
BELLEVILLE R.P.D (PART)
C.P.R SHANNONVILLE
CATARAQUI
KINGSTON R.P.D (PART)
CENTRAL ONTARIO DISTRICT
RENFREW DIST. SYSTEM
RENFREW R.P.D
RENFREW
PHOENIX MOLYBDENITE CORPORATION
ARNPRIOR R.S
BRAESIDE
ARNPRIOR
CALABOGIE
5,400 HORSEPOWER
CALABOGIE DIST SYSTEM
CHATS FALLS CONSTRUCTION STATION (DISMANTLED)
CALETTA
1,070 HORSEPOWER
KINGDON MINE
ARNPRIOR R.P.D (PART)
CARP
MADAWASKA DISTRICT
LANARK
PERTH
BALDERSON
PERTH R.S
HIGH FALLS
2,440 HORSEPOWER
McDONALDS' CORNERS
PERTH R.P.D (PART)
W.R GEDDES
540 HORSEPOWER
CARLETON PLACE
SMITHS FALLS
RIDEAU POWER CO. MERRICKVILLE
MERRICKVILLE R.P.D
GRENVILLE CRUSHED ROCK CO.
MERRICKVILLE
CARLETON PLACE R.P.D
SMITHS FALLS R.P.D (PART)
WEST PORT
FORFAR
RIDEAU
RIDEAU DISTRICT
SMITHS FALLS
FROM GATINEAU POWER CO.
TO CHATS FALLS FREQUENCY CHANGER STATION
OTTAWA
OTTAWA R.S.
NEPEAN R.P.D
RICHMOND
OTTAWA & HULL POWER CO
CHESTERVILLE R.P.D (PART)
WINCHESTER
RUSSELL
CHESTERVILLE
FINCH
WILLIAMSBURG
WILLIAMSBURG R.P.D
BEACH
IROQUOIS R.P.D.
MORRISBURG MUNICIPAL SYSTEM
HOWARD SMITH PAPER CO (STEAM)
CORNWALL
MAXVILLE R.P.D (PART)
MAXVILLE
ALEXANDRIA R.P.D
ALEXANDRIA
APPLE HILL
MARTINTOWN
MARTINTOWN R.P.D
LANCASTER
BROCKVILLE
PRESCOTT
PRESCOTT R.P.D
CARDINAL
LOWER LAKES TERMINAL ELEVATOR CO.
HOWARD SMITH PAPER CO.
EUGENE PHILLIPS CO
LYN
ATHENS
BROCKVILLE R.P.D.
ST. LAWRENCE DISTRICT
110,000V
44,000V
33,000V
26,400V
26,000V
11,000V
6,600V
4,160V
2,400V

LEGEND
- GENERATING STATION ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
- TRANSFORMER STATION
- SWITCHING STATION
- DISTRIBUTING STATION
- MUNICIPAL OR CUSTOMER STATION
- STATIONS & LINES IN SERVICE
- STATIONS & LINES NOT COMMISSION'S PROPERTY
- R.P.D RURAL POWER DISTRICT

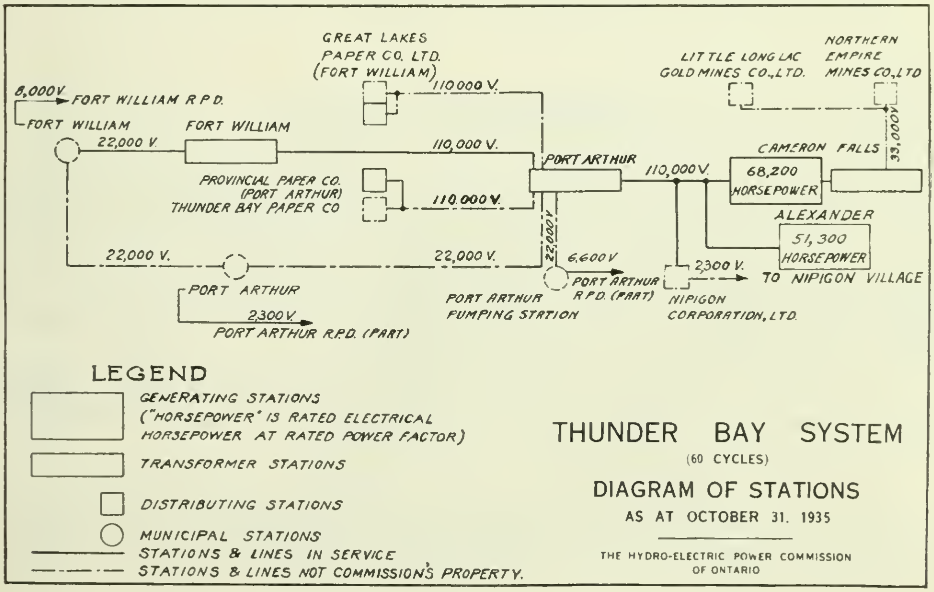
EASTERN ONTARIO SYSTEM
(60 CYCLES)

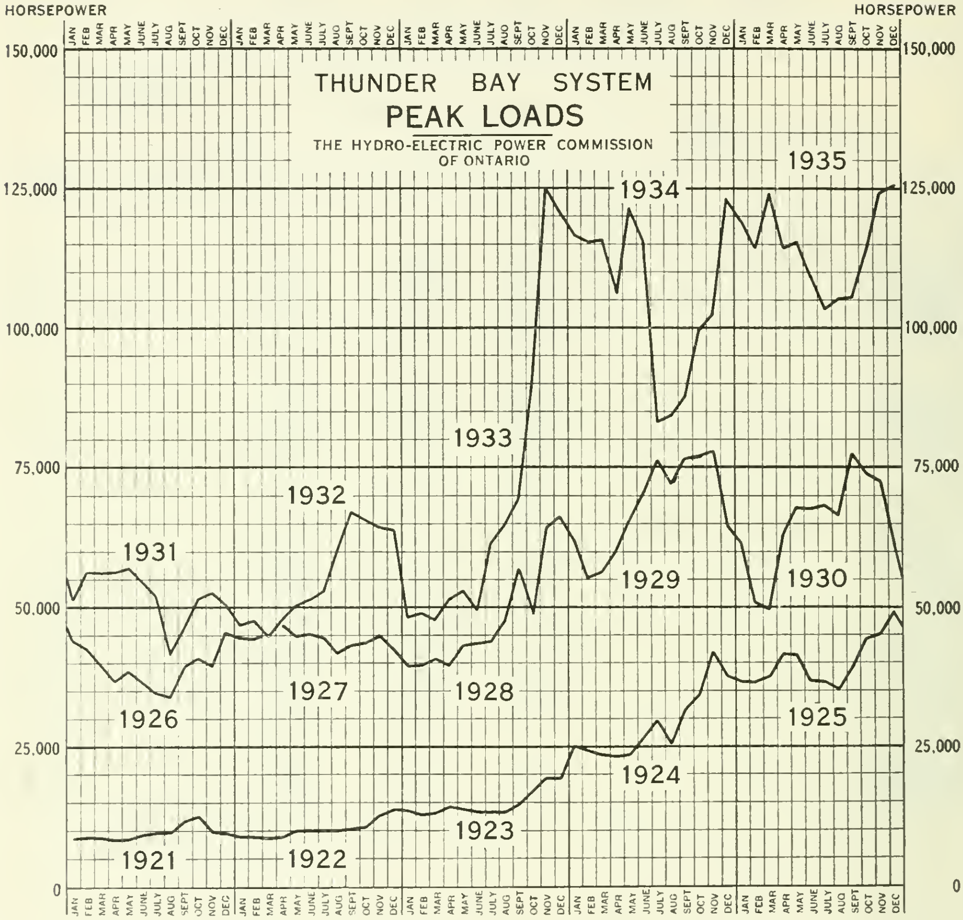
DIAGRAM OF STATIONS
AS AT OCTOBER 31, 1935

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## EASTERN ONTARIO SYSTEM—RURAL POWER DISTRICT LOADS, 1933-34-35 —Concluded

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Iroquois | 428.1 | 408.8 | 453.0 | | 44.2 |
| Kemptville | 19.3 | 20.7 | 25.0 | | 4.3 |
| Kingston | 356.0 | 360.7 | 408.0 | | 47.3 |
| Lakefield | 34.3 | 39.6 | 47.2 | | 7.6 |
| Lindsay | 16.4 | 16.4 | 25.6 | | 9.2 |
| Martintown | 47.4 | 51.8 | 69.4 | | 17.6 |
| Maxville | 156.6 | 157.4 | 170.8 | | 13.4 |
| Millbrook | 36.3 | 42.1 | 45.4 | | 3.3 |
| Napanee | 213.9 | 211.1 | 219.5 | | 8.4 |
| Nepean | 590.6 | 582.3 | 635.4 | | 53.1 |
| Newcastle | 63.6 | 63.4 | 66.9 | | 3.5 |
| Norwood | 22.9 | 19.8 | 24.4 | | 4.6 |
| Omemee | 2.0 | 4.8 | 4.8 | | |
| Oshawa | 626.2 | 727.8 | 821.6 | | 93.8 |
| Perth | 34.8 | 26.8 | 25.8 | 1.0 | |
| Peterborough | 391.1 | 438.8 | 456.0 | | 17.2 |
| Prescott | 106.4 | 116.6 | 138.0 | | 21.4 |
| Stirling | 46.2 | 50.5 | 51.7 | | 1.2 |
| Smiths Falls | 183.7 | 156.1 | 176.1 | | 20.0 |
| Trenton | 204.7 | 209.3 | 238.1 | | 28.8 |
| Warkworth | 3.0 | 3.0 | 3.6 | | 0.6 |
| Wellington | 176.5 | 173.8 | 244.7 | | 70.9 |
| Williamsburg | 73.3 | 82.8 | 86.4 | | 3.6 |


GREAT LAKES PAPER CO. LTD. (FORT WILLIAM)
110,000 V.
LITTLE LONG LAC GOLD MINES CO., LTD.
NORTHERN EMPIRE MINES CO., LTD
8,000 V.
FORT WILLIAM R.P.D.
FORT WILLIAM
FORT WILLIAM
22,000 V.
110,000 V.
33,000 V.
CAMERON FALLS
PORT ARTHUR
110,000 V.
68,200 HORSEPOWER
PROVINCIAL PAPER CO. (PORT ARTHUR)
THUNDER BAY PAPER CO
110,000 V.
ALEXANDER
51,300 HORSEPOWER
22,000 V.
22,000 V.
22,000 V.
6,600 V.
2,300 V.
TO NIPIGON VILLAGE
PORT ARTHUR R.P.D. (PART)
PORT ARTHUR
2,300 V.
PORT ARTHUR R.P.D. (PART)
PORT ARTHUR PUMPING STATION
NIPIGON CORPORATION, LTD.
LEGEND
GENERATING STATIONS ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
TRANSFORMER STATIONS
DISTRIBUTING STATIONS
MUNICIPAL STATIONS
STATIONS & LINES IN SERVICE
STATIONS & LINES NOT COMMISSION'S PROPERTY.
THUNDER BAY SYSTEM
(60 CYCLES)
DIAGRAM OF STATIONS
AS AT OCTOBER 31, 1935
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

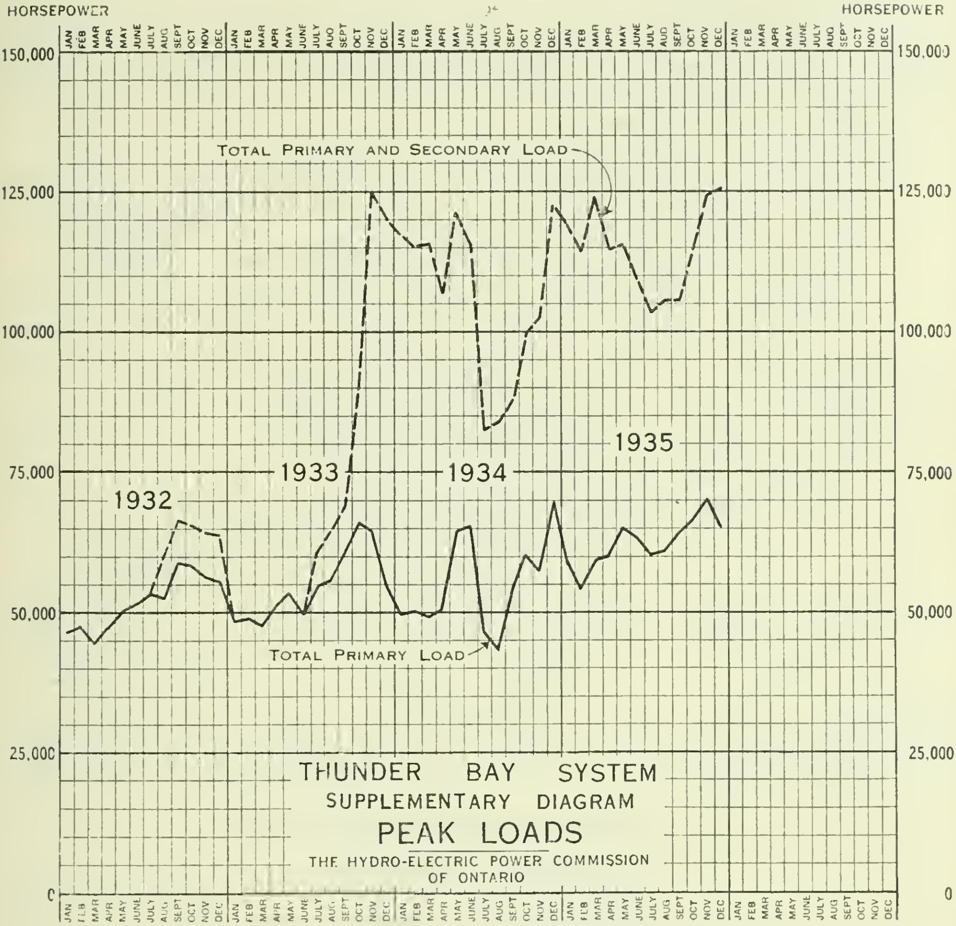


## THUNDER BAY SYSTEM

The load on the Thunder Bay system increased over the previous year. While a large amount of power was again sold for the generation of process steam (utilized in the pulp and paper industry) the increase was mainly in primary load. The average load generated for all purposes increased 9.9 per cent and the average monthly peak increased 4.5 per cent over 1934. The highest load demand on the system was in March, when the maximum twenty-minute peak generated was 123,000 horsepower.

There was no restriction of power supply or serious interruption of service to any customer, the generating stations, transformer stations, and transmission lines having all functioned reliably and satisfactorily.

No repairs of major importance were necessary to the generating units at either the Cameron Falls or Alexander generating stations. Routine maintenance work was done as opportunity offered when individual units could be temporarily released from service. Considerable maintenance work of a general



routine nature was carried out on the power transformers at the generating stations and also at Port Arthur and Fort William transformer stations. All these units operated satisfactorily with the exception of a service transformer at Alexander generating station, in which a bushing failed and was replaced. At Cameron Falls transformer station a forced air-cooling system was installed on the 1,200-kv-a transformer bank supplying the mining customers.

The 110,000-volt transmission lines system caused little trouble. There were a number of flashovers during electrical storms, causing interruptions of short duration to one or more customers, but in no case was there a total system interruption. The first flashover outage on the wood pole No. 1 transmission line since its erection fifteen years ago occurred on August 9, 1935, causing an interruption of nine minutes to the Nipigon Corporation mill and Nipigon township.

Special attention was again given to the testing of insulators and the replacement of those found defective, and to the maintenance of poles and conductors. Brush was cut and the right-of-way kept in good condition.

The precipitation in the watershed supplying this system was the highest recorded in the past fifteen years and amounted to nearly 33 inches. A considerable amount of water was wasted during the year, but despite the high river flow in the Nipigon river the elevation of lake Nipigon is still 853.3, practically the same as a year ago.

THUNDER BAY SYSTEM—LOADS OF MUNICIPALITIES, 1933-34-35

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Fort William | 10,932.0 | 10,835.8 | 10,740.0 | 95.8 | |
| Nipigon Township | 101.1 | 105.1 | 112.5 | | 7.4 |
| Port Arthur | 33,205.5 | 26,251.5 | 34,396.3 | | 8,144.8 |

THUNDER BAY SYSTEM—RURAL POWER DISTRICT LOADS

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Fort William | 80.0 | 83.7 | 111.2 | | 27.5 |
| Port Arthur | 33.2 | 37.5 | 47.0 | | 9.5 |

## MANITOULIN DISTRICT

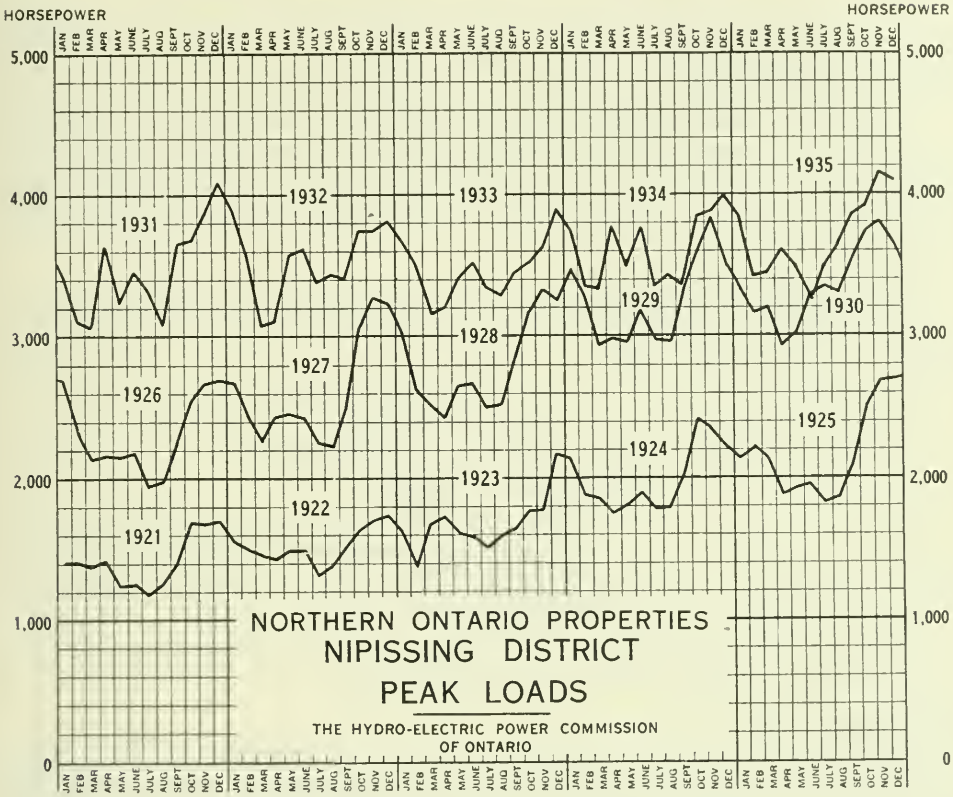
### Supplying Power to the

## MANITOULIN RURAL POWER DISTRICT

The year's operation of the Manitoulin district was satisfactory. Of six major interruptions to service totalling 6 hours 23 minutes, two, totalling 2 hours 34 minutes, were required by the Manitoulin Pulp Co. to effect repairs to their generating equipment, and the remainder were necessary to permit repairs and extensions to the Commission's equipment. Maintenance of the Commission's equipment was confined to the painting of the exterior surfaces of the three 100-kv-a transformers at Kagawong distributing station and the testing and replenishment of oil in these transformers.

MANITOULIN RURAL POWER DISTRICT LOADS, 1933-34-35

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| Manitoulin | 79.9 | 87.9 | 113.9 | | 26.0 |



## NORTHERN ONTARIO PROPERTIES

### Nipissing District

**Generating Stations**

At Nipissing generating station both turbines were overhauled, new gate bolts of Netherton steel, new split bronze gate links and new design gate link pins being installed. All gates were drilled and equipped with high pressure grease fittings. Gate limit stop devices were installed on both turbines.

Four 22,000-volt bus insulators broken by lightning were replaced, and the 22,000-volt line breaker was readjusted at the same time.

One hundred cubic yards of rock fill were placed at the headworks. Twelve new stop logs were provided for the main dam and a number of seams and holes in the concrete were repaired.

On the wood-stave pipe line four decayed bench sills were replaced, and one hundred steel plates over tarred felt sheets were installed under bands at leaky butt joints. Pipe line grade was trimmed and ditches cleaned out.

All necessary maintenance, painting, etc., of buildings was carried out.

At Bingham Chute generating station routine maintenance necessary to keep buildings and equipment up to the usual high standard was carried out. Two defective coils in No. 1 generator and a low tension disconnecting switch in the power house were replaced. One defective 22,000-volt fuse and six fuse clips were replaced on the outdoor structure.

A pump house was built over the new deep well, and pump and pressure tank installed. The water services to the various operators' houses were connected to this supply.

At Elliott Chute generating station necessary maintenance of buildings and equipment was performed. Twenty cubic yards of gravel fill were placed on the dam north of the sluiceway. Drainage wells in the dam were cleaned out. The road into the power house was gravelled and some filling and grading done on the station site.

### Distributing Stations

At Callander distributing station a new telephone protector was installed, replacing obsolete equipment.

Transformer oil was filtered, all electrical equipment was inspected and adjusted, and necessary maintenance of buildings was carried out.

At the Canadian Timber Company distributing station all electrical connections, etc., were checked, and oil tested.

At North Bay No. 1, Z4, distributing station floating contacts in the graphic voltmeter were found to cause radio interference. These were adjusted and the trouble eliminated. Two bushings on the 22,000-volt line oil-breaker shattered by lightning were replaced and the breaker adjusted.

At North Bay No. 2, Z9, distributing station a new 12-cell storage battery was installed to replace a worn out tripping battery.

### Transmission Lines

85 insulators, broken by stones and rifle bullets, and three, found to cause radio interference, were replaced. Two new poles were installed, and nine others with necessary guys and guy stubs were moved, due to road construction and relocation. Underbrushing of right-of-way for 93 pole spans was carried out. Six crossings over telephone lines and one over a railroad were rebuilt and reinforced.

### Storage

Water storage conditions were satisfactory throughout the year.

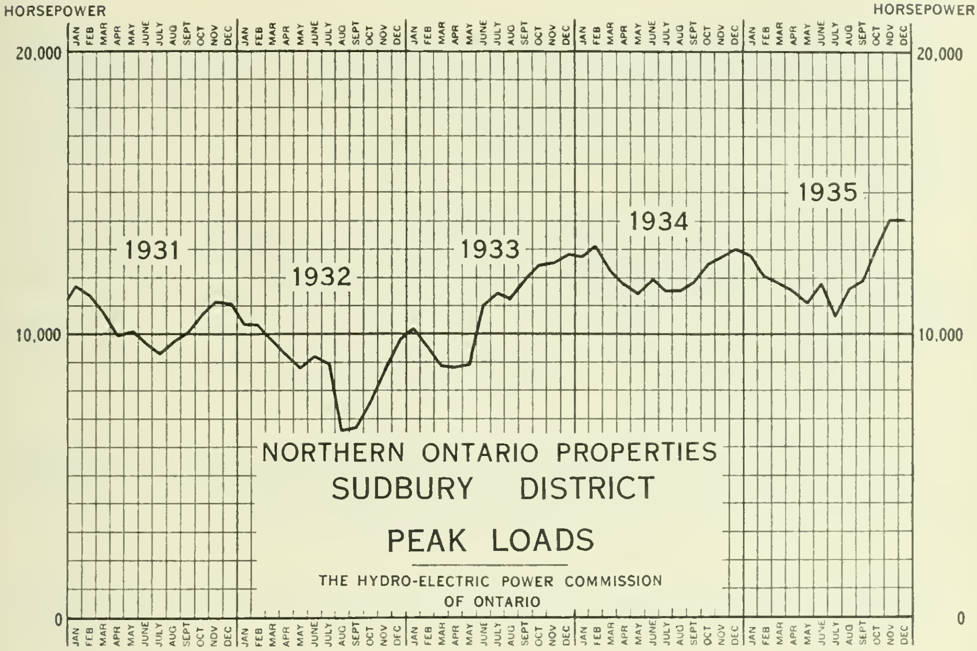
On Gull Lake storage dam about 180 cubic yards of gravel and 48 cubic yards of rock were placed to raise and widen the fill. This completes the eight year programme of rehabilitation of storage dams initiated in 1928.

Routine maintenance was carried out on the other storage dams.

## Sudbury District

### Generating Stations

At Coniston generating station new lifting rods for drain plugs were installed in No. 1 turbine. No. 2 governor pump was completely overhauled and reconditioned and fitted with leather cup pistons in place of the cast iron and ring type. No. 3 turbine was inspected, gates adjusted, and turbine refitted with shields which had been removed previously, new wrist pins fitted on shift ring arms and bearings adjusted. Nos. 1 and 2 crossover valves were overhauled and fitted with new screws and No. 2 with new rubbing strips. Adjustments were made to lignum vitae bearing and stuffing box of No. 2 exciter turbine.



On the evening of July 6, an extremely heavy rainfall caused considerable damage in the area around the town of Coniston. The river flow increased so rapidly that the operating staff at the Coniston generating station was unable to remove the stop logs from the dam in time to prevent the forebay overflowing and washing out roads to the storehouse and generating station. The road from the highway to the plant was also washed out in several places, one culvert having to be entirely rebuilt. The necessary repairs were made to these roads.

At McVittie generating station both turbines were inspected and fitted with new lignum vitae rear bearings, and new plates on gate shaft packing glands. The exciter turbine was inspected and cleaned and repairs made to the governor cylinder head.

The lead-covered cables between the generators and the low-tension switching equipment, on which certain defects had developed, were replaced by new cables.

The lightning arresters and oil-breakers were inspected and adjusted, and the voltage regulator, which developed defects, was repaired and returned to service.

The pole line to Burwash Industrial Farm was rebuilt and restrung for 3-phase, 8,000-volt service.

The necessary maintenance and painting of buildings and structures was carried out.

At Stinson generating station both turbines were inspected, greased and clearances adjusted. Two worn wrist pins in No. 2 turbine were replaced and the gate shaft packing gland in No. 1 turbine repaired.

### Transmission Lines

Road construction by the Northern Development department between Coniston and Stinson caused some damage to lines due to blasting, and necessitated the relocation of one pole guy to clear a road ditch. Thirteen defective insulators, eleven of which were broken by stones and bullets, were replaced between Coniston and Sudbury. One defective rock anchor between Stinson and Coniston was replaced.

A 4,000-volt line was built from Sudbury to the Subdury Star broadcasting station, the 22,000-volt line from Neelon Junction to Capreol was rebuilt, and the Treadwell-Yukon line from Stobie Crossing to the mine station near Chelmsford was dismantled.

Brush was cut on the lines from Coniston to Stinson, Coniston to McVittie and Coniston to Sudbury.

### Wanapitei Lake Telephone Line

One pole near Garson, broken by a motor car, was replaced. A new crossing over the International Nickel Company spur into a gravel pit was installed, and brush was cut and burned over about five miles of line.

### Storage

Water storage conditions were satisfactory throughout the year.

## Abitibi District

### Generation

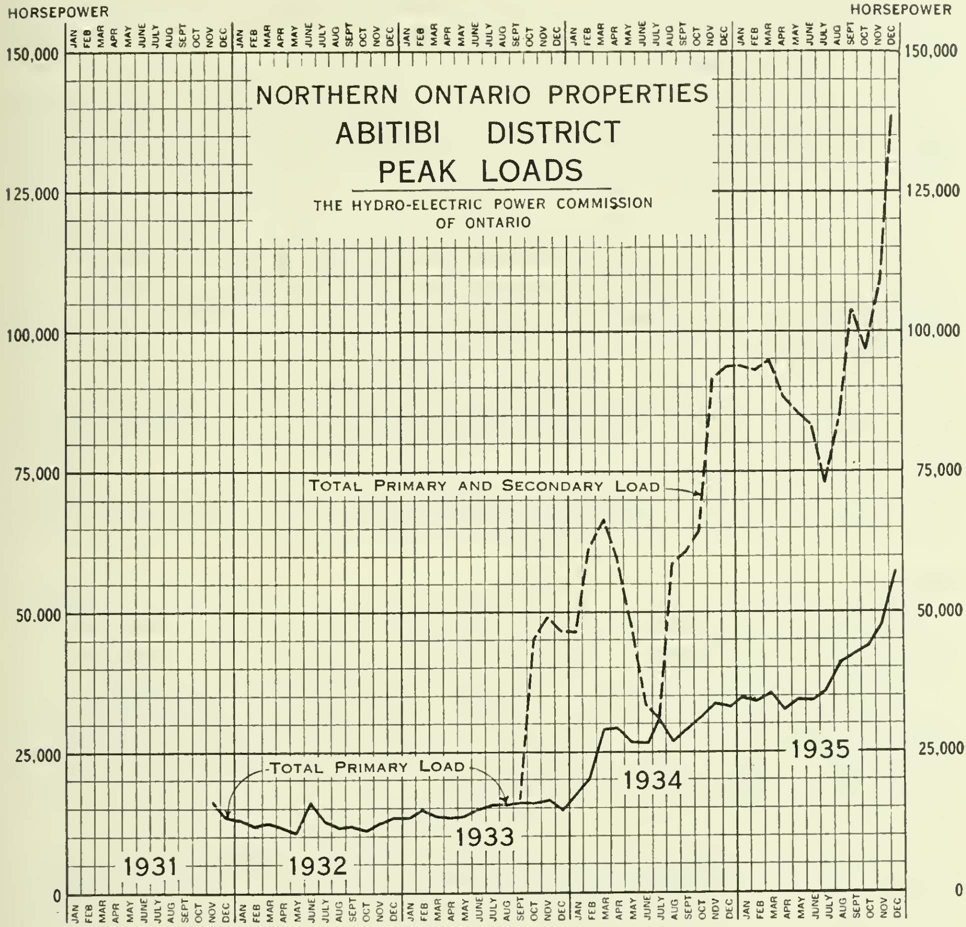
Two main generating units at Abitibi Canyon station were available for service and were operated throughout the year. The operation of these units was in general satisfactory and no major maintenance was required. A number of adjustments of a minor nature were necessary, but it was found possible to effect these at times when customer service was not affected. The adjustments were chiefly confined to the governors and the turbine gate operating mechanism.

Owing to the very severe climate encountered at the Abitibi Canyon, outdoor apparatus is subject to unusually severe effects of moisture condensation. In order to avoid trouble from this cause, control and service circuits in all outdoor motors must be meggered frequently and dried out at intervals. In some instances, heaters were installed in outdoor motors to keep them dry during idle periods.

Some difficulty has also been experienced in the operation of outdoor switching equipment and sluice gate operating mechanisms during the winter due to the accumulation of ice and frozen spray on moving parts. Where it was possible to do so with advantage, electric heaters were installed to combat this condition, and several improvements in the design of the switching equipment have been undertaken.

Routine tests were conducted on all equipment according to a definite schedule, and the necessary maintenance carried out.

During May the Commission and the contractor resumed work, installing additional generating units at Abitibi Canyon and since that time the operating staff have co-operated with both wherever their assistance was required.



### Transmission

Operation of the high-tension and low-tension lines on the district was satisfactory.

There were twelve automatic interruptions of the 132,000-volt steel-tower lines between Abitibi Canyon and Copper Cliff; ten were due to lightning, one to fog, and one to causes external to these lines.

Of a total of eleven automatic interruptions of the 132,000-volt lines between Abitibi Canyon, Kirkland Lake and Matachewan, three were due to lightning, two to wet snow, one to accidental felling of a tree on the line, one to failure of a line switch, two to unknown causes and two to causes external to these lines.

On January 23, the dead-ending device on one conductor of the 132,000-volt line at Iroquois Falls outdoor switching structure failed due to excessive strain during a cold spell when the temperature reached 72 degrees below zero. Following this failure the strain was transferred to a line disconnecting switch, the blade mounting of which also failed. The failure which occurred a few minutes after midnight was located and cleared by the patrol staff within 2½ hours of its occurrence despite the severe cold. Additional sag was later inserted in the line and the switch repaired.

On September 25, during a very severe wind and electrical storm one steel tower on the Hunta-Smooth Rock Falls line was blown to the ground. This tower was replaced with another tower from stock, the footings of which were anchored more securely than the original.

During the spring break-up several steel towers on the Abitibi Canyon to Hunta, and Hunta to Copper Cliff lines were heaved by frost. Although this is a common experience with towers erected in clay, no effective remedy has yet been found. The affected towers have been reset and various corrective measures are being tried.

With the exception of the particular instances referred to above, line maintenance was confined to the replacement of defective insulators, the majority of which were damaged by stones or rifle bullets, and to brush cutting along the right-of-way.

Several forest fires occurred in the vicinity of the Commission's lines during the year but no damage resulted.

### Transformation

All transformer stations in the district being comparatively new, station maintenance was confined to minor details.

At Kirkland Lake transformer station a newly-installed spare 9,500-kv-a, 67,900 12,000-volt transformer was tested and found satisfactory for service on December 2, 1934. A second 12,000-volt feeder out of this station, to permit doubling the amount of power delivered to the Canada Northern Power Corporation, was tested and found ready for service on October 20.

On March 3 an attempt to place the Ramore transformer station in service was unsuccessful due to a defect in the 3-phase, 1,000-kv-a, 121,000 27,720-volt transformer. This transformer was replaced and the station placed in service, making initial delivery of power to the Hollinger Consolidated Gold Mines property in Hislop township on March 19.

On April 11 Matachewan distributing station was placed in service. This station feeds the domestic and commercial consumers in the townsite of Matachewan.

On April 21 the Timmins transformer station was placed in operation rendering service to the Central Porcupine Gold Mines.

### General

On November 5, 1934, the supply of power to the Abitibi Power and Paper Company mill at Iroquois Falls for steam generation was resumed. This supply had been discontinued on August 1, 1934.

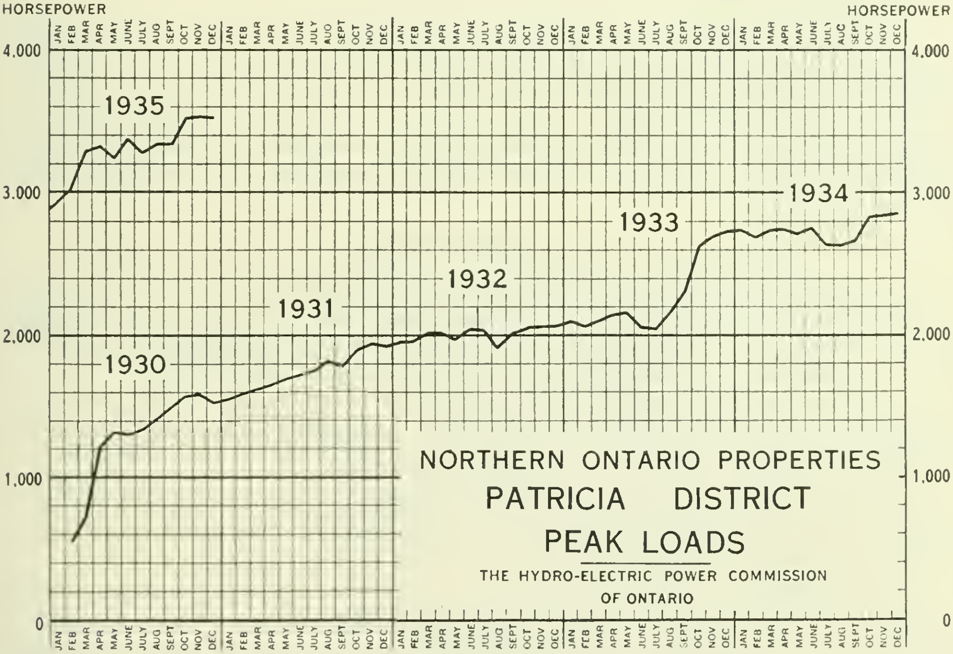
On April 30, 1935, Vimy Gold Mines Limited were advised that the Commission's facilities for supplying them with power from Ramore transformer station were complete and ready for service. The customer was not ready to take power at this time but accepted delivery on May 27.

On September 30, 1935, initial delivery of power to Pamour Porcupine Mines Limited from Timmins transformer station was made.

Owing to the rapid expansion of the Abitibi district, involving frequent construction of new stations and new lines, and extensions and additions to existing stations and lines, it was necessary to arrange a large number of interruptions to customers' services to permit tying in and testing new equipment. Every effort was made to co-ordinate construction and maintenance work so as to keep such interruptions to a minimum, and the customers affected were consulted beforehand so that the interruptions could take place at times least inconvenient to them.

## Espanola District

Operation of the Espanola district was satisfactory. Two interruptions to McMillan Gold Mines service, totalling 17 hours 30 minutes, were necessary to permit the Abitibi Power and Paper Co. to overhaul their generating equipment at Espanola. Two interruptions, totalling 2 hours 7 minutes, were required to permit changing of broken insulators on the transmission line, and two interruptions, totalling 1 hour 30 minutes, were required to permit installation of metering equipment by the Commission at McMillan mine and at Espanola generating station. The maintenance of the transmission line was confined to the replacement of insulators which had been broken by stones or rifle bullets.



## Patricia District

The generating and transformer station at Ear Falls on the English river operated satisfactorily. The average load increased 13.2 per cent, and the average monthly peak 17.6 per cent over 1934.

Two new customers were added to this system, the McKenzie Red Lake Gold Mines in January and the Red Lake Gold Shore Mines in September, the latter taking only a small amount of power up to the end of the year.

Routine maintenance work was done on all electrical and hydraulic equipment, and on two occasions, by arrangement with customers, the generating unit was shut down for special inspection and repairs. These interruptions were on July 14, 8 hours 4 minutes and August 18, 1 hour.

The 44,000-volt transmission line circuit which is owned by the Howey Gold Mines Limited, functioned satisfactorily, and was operated and maintained for this company by the Commission's staff under the same cost arrangement as heretofore. There were four outages on this circuit during the season due to lightning. While no permanent damage was done to the line during any storm and the line was ready for immediate resumption of service, one of these interruptions was materially extended due to trouble with the telephone system which was later located and rectified.

Two short interruptions in close succession occurred on March 9, due to failure of a bushing on the transformer bank at the McKenzie Red Lake Gold Mines. Their own fuses functioned simultaneously with the oil breaker at Ear Falls generating station.

The flow in the English river was regulated and controlled by means of the Lac Seul conservation dam at Ear Falls as required by the Lake-of-the-Woods Control Board.

The precipitation in the vicinity of Ear Falls was above normal, being 30 inches during the year. The elevation of Lac Seul has steadily risen to a high point of 1,168.9 as compared with the previous year's high level of 1,166.95. While a relatively large river flow was permitted, this was of necessity governed to some extent by the plant and system load conditions which required a maximum head to secure the most efficient operation and output of the generating unit.

### St. Joseph District

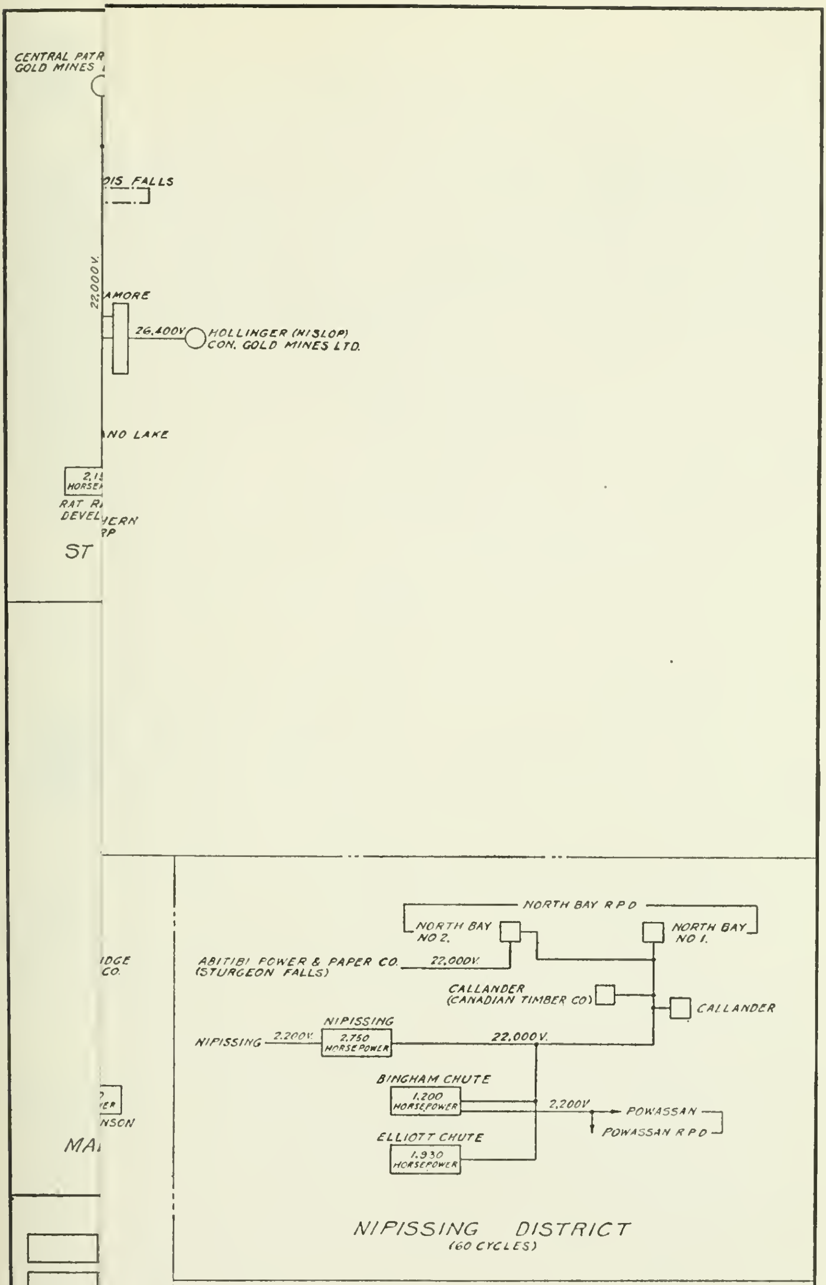
The generating station at Rat Rapids on the Albany river, at the outlet of lake St. Joseph, was placed in service on March 21, 1935. Power is supplied over a 22,000-volt transmission line to three mining developments situated about 27 miles in a northerly direction from the generating station.

On the whole, service to customers was satisfactory, though certain difficulties presented themselves inasmuch as all equipment is on a single-unit basis and trouble with any part involves the whole.

The 10-minute system peak increased from a low point of 250 kilowatts in March to 980 kilowatts in October. Thus the single generating unit is now operated close to its capacity limits.

The 22,000-volt single-circuit transmission line between the generating station and the mining properties functioned satisfactorily. There were four short outages of this circuit due to lightning, one on July 11, two on July 16, and one on October 16, but no permanent damage to the line resulted. A rather large amount of maintenance work has already been necessary, straightening up poles and putting in additional guys, this being to a large extent due to the fact that the construction of this line was completed during severe weather conditions, when the character of the muskeg differed considerably from its summer condition.

The records so far obtained from this district indicate a relatively high annual precipitation. From April to October this year there was a rainfall of


CENTRAL PATR
GOLD MINES
OIS FALLS
22,000 V.
AMORE
26,400V
HOLLINGER (HISLOP)
CON. GOLD MINES LTD.
NO LAKE
2,1
HORSE
RAT R
DEVEL
YERN
RP
ST
IDGE
CO.
VER
NSON
MA
R.P.D.
NORTH BAY R P D
NORTH BAY NO 2.
NORTH BAY NO 1.
ABITIBI POWER & PAPER CO. (STURGEON FALLS)
22,000V.
CALLANDER (CANADIAN TIMBER CO)
CALLANDER
NIPISSING
NIPISSING
2,200V.
2,750 HORSEPOWER
22,000V.
BINGHAM CHUTE
1,200 HORSEPOWER
2,200V
POWASSAN
POWASSAN R P D
ELLIOTT CHUTE
1,930 HORSEPOWER
NIPISSING DISTRICT
(60 CYCLES)

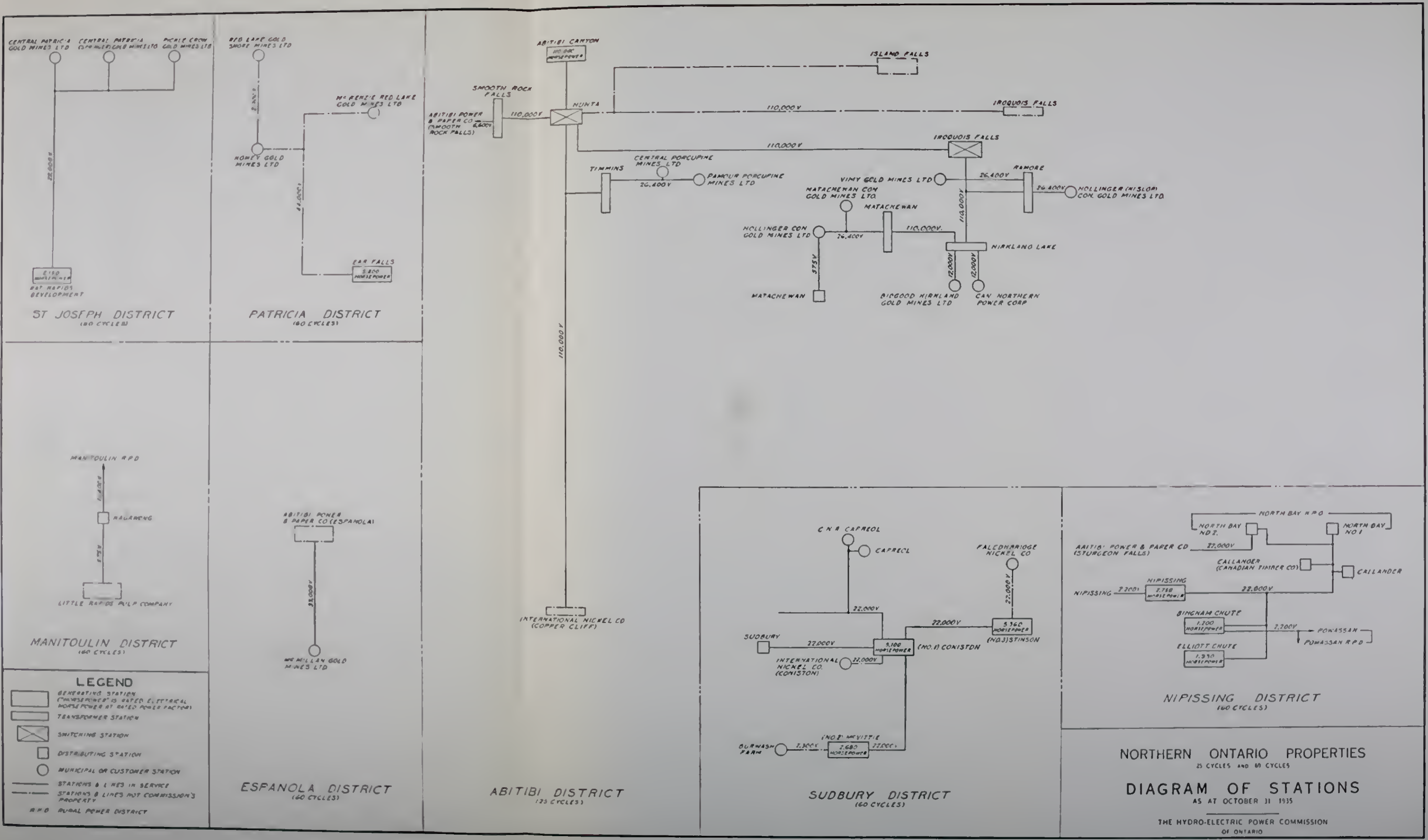
## NORTHERN ONTARIO PROPERTIES

25 CYCLES AND 60 CYCLES

## DIAGRAM OF STATIONS

AS AT OCTOBER 31 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO


CENTRAL PATRICIA GOLD MINES LTD
CENTRAL PATRICIA (SPRINGER) GOLD MINES LTD
PICKLE CROW GOLD MINES LTD
22,000V
6,150 HORSEPOWER
RAT RAPIDS DEVELOPMENT
ST JOSEPH DISTRICT
(60 CYCLES)
RED LAKE GOLD SHORE MINES LTD
McKENZIE RED LAKE GOLD MINES LTD
HOWEY GOLD MINES LTD
44,000V
EAR FALLS
5,800 HORSEPOWER
PATRICIA DISTRICT
(60 CYCLES)
ABITIBI CANYON
HORSEPOWER
SMOOTH ROCK FALLS
ABITIBI POWER & PAPER CO (SMOOTH ROCK FALLS)
6,600V
110,000V
HUNTA
ISLAND FALLS
110,000V
IROQUOIS FALLS
110,000V
IROQUOIS FALLS
TIMMINS
CENTRAL PORCUPINE MINES LTD
26,400V
PAMOUR PORCUPINE MINES LTD
VIMY GOLD MINES LTD
26,400V
RAMORE
26,400V
HOLLINGER (HISLOP) CON. GOLD MINES LTD
MATACHEWAN CON GOLD MINES LTD.
MATACHEWAN
HOLLINGER CON GOLD MINES LTD
26,400V
110,000V.
110,000V
KIRKLAND LAKE
575V
12,000V
12,000V
MATACHEWAN
BIDGOOD KIRKLAND GOLD MINES LTD
CAN NORTHERN POWER CORP
110,000V
INTERNATIONAL NICKEL CO (COPPER CLIFF)
ABITIBI DISTRICT
(25 CYCLES)
MANITOULIN RPD
KAGAWONG
LITTLE RAPIDS PULP COMPANY
MANITOULIN DISTRICT
(60 CYCLES)
ABITIBI POWER & PAPER CO (ESPANOLA)
33,000V
McMILLAN GOLD MINES LTD
ESPANOLA DISTRICT
(60 CYCLES)
LEGEND
GENERATING STATION ("HORSEPOWER" IS RATED ELECTRICAL HORSEPOWER AT RATED POWER FACTOR)
TRANSFORMER STATION
SWITCHING STATION
DISTRIBUTING STATION
MUNICIPAL OR CUSTOMER STATION
STATIONS & LINES IN SERVICE
STATIONS & LINES NOT COMMISSION'S PROPERTY
RPD RURAL POWER DISTRICT
C N R CAPREOL
CAPREOL
FALCONBRIDGE NICKEL CO
22,000V
22,000V
22,000V
5,360 HORSEPOWER
(NO.3) STINSON
SUDBURY
22,000V
5,100 HORSEPOWER
(NO.1) CONISTON
INTERNATIONAL NICKEL CO. (CONISTON)
22,000V
(NO 2) McVITTIE
BURWASH FARM
2,300V
2,680 HORSEPOWER
22,000V
SUDBURY DISTRICT
(60 CYCLES)
NORTH BAY RPD
NORTH BAY NO 2.
NORTH BAY NO 1
ABITIBI POWER & PAPER CO (STURGEON FALLS)
22,000V
CALLANDER (CANADIAN TIMBER CO)
CALLANDER
NIPISSING
NIPISSING
2,200V
2,750 HORSEPOWER
22,000V
BINGHAM CHUTE
1,200 HORSEPOWER
2,200V
POWASSAN
POWASSAN RPD
ELLIOTT CHUTE
1,330 HORSEPOWER
NIPISSING DISTRICT
(60 CYCLES)

NORTHERN ONTARIO PROPERTIES
25 CYCLES AND 60 CYCLES

# DIAGRAM OF STATIONS
AS AT OCTOBER 31 1935

THE HYDRO-ELECTRIC POWER COMMISSION
OF ONTARIO

about 19 inches, and 14 inches of snow. The elevation of lake St. Joseph, which is the main water storage for the generating station, rose during the period under review from 1,221.92 to 1,226.33 feet.

Owing to seasonal climatic conditions communication, except for short-wave radio and transportation facilities are suspended entirely for periods of four to six weeks during the spring and fall. Hence it is not possible to send in any equipment or supplies for operating and maintenance purposes during these periods. Similarly the Commission's employees require to purchase and have on hand sufficient food and household necessities to supply their needs until transportation re-opens. During the remainder of the year aeroplanes provide transportation from Hudson and Sioux Lookout almost daily, weather permitting. Passengers, mail, express and light freight go in by aeroplane, but the heavier freight is usually transported by water from Hudson, a distance of 150 miles, with four portages.

### NORTHERN ONTARIO PROPERTIES—LOADS OF MUNICIPALITIES, 1933-34-35

| Municipality | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| **NIPISSING DISTRICT** | | | | | |
| Callander | 196.4 | 198.5 | 200.7 | | 2.2 |
| Nipissing | 3.0 | 3.0 | 3.0 | | |
| North Bay | 2,911.4 | 3,087.1 | 3,215.1 | | 128.0 |
| Powassan | 106.5 | 103.0 | 120.4 | | 17.4 |
| **SUDBURY DISTRICT** | | | | | |
| Sudbury | 3,599.2 | 3,807.0 | 4,505.3 | | 698.3 |

### ABITIBI DISTRICT—LOADS OF NEW MUNICIPALITY

| Municipality | Date connected | Initial load | Oct. 1935 | Change in load | |
|---|---|---|---|---|---|
| | | | | Decrease | Increase |
| Matachewan Townsite | April 11, 1935 | 28.1 | 51.6 | | 23.5 |

### NORTHERN ONTARIO PROPERTIES—LOADS OF RURAL POWER DISTRICTS, 1933-34-35

| Rural power district | Peak load in horsepower | | | Change in load 1934-35 | |
|---|---|---|---|---|---|
| | Oct. 1933 | Oct. 1934 | Oct. 1935 | Decrease | Increase |
| **NIPISSING DISTRICT** | | | | | |
| North Bay | 77.9 | 100.5 | 72.0 | 28.5 | |
| Powassan | 3.0 | 3.0 | 3.25 | | 0.25 |

# SECTION III

## MUNICIPAL WORK

The Commission acts in an advisory capacity to the municipalities with which it has contracts, assisting the municipal officials to purchase, construct or extend distribution systems. As provided under *The Power Commission Act*, all rate adjustments are approved by the Commission, therefore a study of the operating conditions of all utilities is made annually and adjustments recommended. The Commission exercises a general supervision over the management and operation of all Hydro utilities and especially in municipalities which are not large enough to employ a manager with the technical knowledge necessary for the administration of the local system.

In rural power districts, the Commission on behalf of the township corporations operates the rural power systems, and distributes electrical energy to the customers of the respective corporations in all such rural power districts.

## NIAGARA SYSTEM

In the Niagara System load increases occurred in 124 urban municipalities and 68 rural power districts, and small decreases were recorded in 47 urban municipalities and 18 rural power districts.

The aggregate average load supplied to all customers on this system during the year 1935, shows a substantial upward trend for each month during the year.

### Engineering Assistance to Municipalities

General engineering assistance was given to practically all municipalities in the Niagara system respecting the operation and management of their local Hydro utilities.

Certain municipalities received special engineering advice and assistance regarding a number of matters, which are more fully referred to below:

**Amherstburg**—New lighting, using totally indirect units, was installed in the Hydro office.

**Burlington**—A new primary circuit was erected from Beach station to supply power to the town.

**Chatham**—Due to dredging in the Thames river it was necessary for the Chatham Hydro to remove the six lead-covered cables running from the substation to the northern section of the city. When the work was completed, these cables were re-installed in a special trench in the river bed.

**Dashwood**—Permission was given to change the local distribution system from 4,000 volts to 8,000 volts.

**Elmira**—Studies were made of steam power costs in two industrial plants. In each case it was found that substantial annual saving could be made by these consumers substituting electric motors for the steam engines.

**Exeter**—A new ornamental street lighting system was installed on the business section of the main street. The overhead wiring was eliminated in this section of the town and its appearance greatly improved.

**Fergus**—An increase in the load of a large manufacturing plant made it necessary to install three 150-kv-a transformers. The local Commission was assisted in the selection, purchase and installation of this equipment.

**Forest Hill**—The distribution system was appraised and a report submitted to the Council with estimates of the costs of a substation and of power.

**Galt**—Improvements were made to the distribution system by the local staff. Modern outdoor switching was installed on two 13,200-volt stations, also a new metal-clad secondary switch gear. The crossing over the Grand river on the Concession road bridge was replaced by a steel-tower, single-span crossing of a substantial modern type.

A large industrial plant shut down its steam engine and replaced it with an A.C.-D.C. converter, of 250-horsepower capacity. This is a new load on the Galt system. In 1934 the Commission made a power study in this plant with the result that this load was secured by Galt.

**Glencoe**—The Glencoe Public Utilities Commission purchased and remodelled the building occupied by it in the main business section.

**Goderich**—A rather uncommon arrangement of equipment was installed in the large grain elevator. A wound-rotor, 250-horsepower, 550-volt induction motor was coupled to the countershaft of the steam engine which drives a 60-cycle generator in such a manner that a very flexible use of combined steam and electric power, was obtained.

**Kitchener**—Approximately two miles of primary and secondary distribution lines were reconstructed and three 110-kv-a., 550-volt transformers were purchased to replace three 50-kv-a. transformers. This change was necessitated by the installation of additional motors in an industrial plant.

**Merritton**—A 1,500-kv-a transformer was purchased and installed to give service to the Garden City Paper Company.

**Norwich**—An addition was made to the Public Utilities Building to provide better facilities for meter testing and repairing.

**Palmerston**—Due to improvements on Main Street, the Commission's 26,000-volt line was removed and re-routed. Ornamental street-lighting equipment is to be installed on this street.

**Preston**—The local utility office was moved from the town office and set up in separate premises.

**St. Marys**—A power study of an industrial plant driven by a steam engine was made by the Commission. A possible substantial saving in power costs by the substitution of motor drive was shown by the report.

**St. Thomas**—The Hydro-Electric Commission was replaced by a Public Utilities Commission, which now operates the local Hydro system, waterworks and gas utilities. To accommodate the additional staff an extension to the present office building is being constructed.

**Simcoe**—The outgoing feeders from the substation were revised in conjunction with work done on the transformer bank.

**Stratford**—Power studies were made in three industrial plants in which steam power was used. One of these plants shut down its steam engine in August, the entire plant now being electrified. The increased load is approximately 70 horsepower. Another plant, which will have an estimated load of 275 horsepower, is planning to change to electric power early in 1936.

**Tillsonburg**—Arrangements have been made to extend the distribution system to supply power for the pumps at a new well, located south-east of the town.

**Windsor**—The municipalities of Sandwich, Windsor, Walkerville and East Windsor were amalgamated on July 1, 1935, and the municipality thus formed named the city of Windsor. The Windsor Utility Commission was created to administer the hydro-electric systems, as well as the other utilities. After alterations to the building are made, it is expected that the Hydro staffs of the four systems will be combined in the Windsor Hydro building.

## GEORGIAN BAY SYSTEM

In this system increases in loads were recorded by 42 urban municipalities and 23 rural power districts and small decreases occurred in 23 urban municipalities and 11 rural power districts. Five rural power districts recorded no change in load. Due to the fact that nearly every urban centre within the boundaries of the system is now a partnership municipality under *The Power Commission Act*, much of the increased load on this sytem will, in future, probably come from rural power districts. Many of the more important summer resort districts of the Province lie within the boundaries of the Georgian Bay system.

In the Port Perry rural power district, a new 300-kv-a transformer station was placed in operation to take care of rural load exclusively. Formerly the municipal transformer station supplied both urban and rural districts.

No other substantial changes or extensions were required in generating plant, transmission lines or transformer stations. Assistance, however, was rendered by the Commission to the various municipalities in connection with engineering and maintenance, the application of rates, and the operation of the local distribution systems.

## EASTERN ONTARIO SYSTEM

In this system the loads of the municipalities continued to increase during 1935 but at a somewhat lower rate than during the previous year. Increases were recorded in 39 urban municipalities and in 29 rural power districts, and decreases occurred in 15 urban municipalities and 3 rural power districts. Power supplies were ample to meet requirements.

General engineering advice and assistance were given by the Commission to nearly all the municipalities comprising this system.

Certain municipalities received special engineering advice and assistance in connection with the following items:

**Alexandria**—Assistance was given in adjusting some accounts and collection of arrears.

**Lindsay**—Negotiations were carried on with the municipality with regard to the purchase of the Fenelon Falls generating station owned by the Commission.

**Orono**—Estimates and data were submitted with regard to the purchase by the municipality of the Orono distribution system. By-laws were submitted to the electors on January 7, and were defeated.

## THUNDER BAY SYSTEM

The municipalities of this system experienced a successful year both from a financial and operating standpoint. Substantial increases in load were recorded by Port Arthur and the rural power districts, and a small decrease occurred in Fort William. In the Little Long Lac and Sturgeon River districts, the loads of the two mining companies served increased, and information was submitted to several other mining companies, a number of which, it is anticipated, may be ready to sign power contracts during 1936. Increased load was also taken by the various pulp and paper mills in the district, all of which operated during each month of the year.

A survey was made to determine the cost of serving the pulp and paper industry and a report was submitted to Port Arthur and Fort William relating to the possibility of supplying power to the four operating mills at reduced rates.

Substantial revenues were secured from the sale of at-will power to electric steam-generating plants situated at three of the large pulp and paper mills.

Engineering assistance and advice concerning the maintenance and operation of their local distribution systems was given to the cities of Fort William and Port Arthur and the village of Nipigon.

## MANITOULIN RURAL POWER DISTRICT

No major extensions were made to the distribution lines in this district. Some new customers were served however, and a substantial increase was recorded in the peak load. A study was made concerning the possibility of supplying power to Little Current, Shequindah and Manitowaning, but it was found that conditions were not favourable for undertaking this work at the present time.

## NORTHERN ONTARIO PROPERTIES

In the Northern Ontario properties, which are operated by the Commission for the provincial government; increases in load were recorded by four of the five urban municipalities and two of the three rural power districts. Very substantial increases however, were recorded in connection with the power sold to mining companies in the Abitibi district.

Engineering assistance and advice relating to the generation, transmission and distribution of electrical energy was given to urban and rural communities in the districts of Sault Ste Marie, Kenora and Rainy River, although as yet the Commission has made no capital commitments in these areas.

The following paragraphs relate to work undertaken in connection with municipalities and customers served in the several active districts in Northern Ontario.

### Nipissing District

The loads taken by the urban municipalities and rural power districts in this district, remained fairly constant as compared with the previous year.

### Sudbury District

This district comprises the territory served at 60-cycles in and around the city of Sudbury. Power is supplied to the city of Sudbury and to several large mining companies in the Sudbury basin. During the year a new contract was signed with the city of Sudbury, and the distribution system in that municipality, formerly owned by the Commission for serving power customers only, was sold to the city and included in its local distribution network.

Assistance was given to Sudbury in connection with a revision of its rate schedules covering all classes of consumers, and new rates authorized and approved by the Commission were placed in force. The Sudbury transformer station is being re-constructed; obsolete equipment is being replaced and increased capacity provided. It is expected that this new station will be completed and placed in operation early in 1936.

The transmission line (formerly the property of The Treadwell Yukon Mining Company) between the Coniston development of the Commission and the Company's mining property near Chelmsford, was purchased by the Commission and will be utilized to supply a second transmission circuit for Sudbury. It will also serve the town of Capreol and adjacent consumers.

Contracts for a supply of power to the town of Capreol, for local distribution and for the Capreol terminal of the Canadian Northern Ontario Railway, were signed and service was given on May 1. A transmission line owned by the Canadian Northern Ontario Railway between Sudbury Junction and the town of Capreol was purchased by the Commission. It was re-constructed and is now used to serve the transformer stations of the municipality and the Railway Company in accordance with their power contracts.

Information was supplied to a number of townships adjacent to Sudbury concerning the possibility of providing rural service.

### Abitibi District

This district comprises the territory lying within transmission distance of the Abitibi Canyon development, and includes the mining districts adjacent to Sudbury, Kirkland Lake, Larder Lake, Matachewan, Ramore and Timmins.

There was a substantial increase in the amounts of power required by customers already under contract, one company alone increasing its demand by approximately 5,000 horsepower. Several new contracts were signed which required the construction of new transmission lines and transformer stations. These new contracts were for large blocks of power and were made with two mining companies in the Porcupine camp, one in the Larder Lake camp, one at Falconbridge and one near Ramore. Approximately 75 different mining companies in the area served by the Abitibi Canyon development were given information concerning the purchase of power for mining operations and several additional mining contracts are now being negotiated. The power required for the new mining properties under contract will not be delivered until next year. Based on this load, plus that anticipated but not yet covered by contract, the increase in 1936 over the early portion of 1935 is estimated at approximately 100 per cent for firm power and 25 per cent for surplus "at-will" power.

To enable the Commission to supply the growing loads in this district it was decided to install three new generating units at the Abitibi Canyon development, all of which will be placed in operation in 1936. These units are approximately 55,000 horsepower each, and the increase in installed capacity in this development will, therefore, be 165,000 horsepower, with the total installed capacity of the completed development 275,000 horsepower.

A 1,000-kv-a transformer station and 2.56 miles of 22,000 volt transmission line were installed at Timmins during the early part of the year to supply load contracted for in 1934. To supply additional load contracted for later on in 1935 it was found necessary to restring the original line with larger conductor and to construct an additional 13.53 miles of 22,000-volt line. It was also found necessary to increase the capacity of the Timmins transformer station to 4,500 kv-a. The new equipment at this station will be completed and placed in operation early in 1936.

To serve the Larder Lake camp, a new 4,500-kv-a transformer station and 17.66 miles of 110,000-volt transmission line were constructed. Both line and station will be completed and placed in operation early in 1936. A new 1,500-kv-a transformer was ordered as spare equipment for the Matachewan transformer station and changes of a minor nature were made in the Kirkland Lake transformer station through which both the Matachewan and the Larder Lake areas are supplied. To supply 25-cycle power to a large mining property in the Sudbury district a new 4,500-kv-a transformer station and 14.62 miles of 110,000-volt transmission line were constructed. This new line and station will be placed in operation early in 1936. A survey was also made for an additional high-tension transmission line between Iroquois Falls and Kirkland Lake to provide for better service by means of duplicate transmission circuits to the latter point.

At Ramore, a new 1,000-kv-a transformer station and two transmission feeders, each approximately three miles in length, were constructed to supply power to two mining properties for which contracts were signed at the close of last year and the beginning of the current year respectively.

In the West Shiningtree district, negotiations respecting power supplies were carried on with a number of mining properties and detailed estimates of the cost of constructing the necessary transmission lines and transformer stations were prepared.

At Matachewan townsite, a distribution system was constructed and contracts for lighting service were signed with approximately one hundred individual consumers. Provision was also made for constructing distribution systems in the hamlet of Ramore and the town of Matheson and a transformer station at the Vimy mine with low-voltage connecting feeders. This work was started near the close of the current year, and it is expected that Hydro service will be available to both places early in 1936.

Engineering assistance was given to the town of Timmins and the township of Teck in connection with valuing the distribution systems of the Northern Canada Power Corporation in these two municipalities with a view to a possible change to Hydro service.

## Espanola District

This district includes the territory within transmission distance of the Abitibi Power & Paper Company's power development at Espanola, from which source power is purchased to serve mining properties.

At the present time only one mine is being served, but during the year information respecting power supply has been submitted to several other companies.

## Patricia District

This district includes that portion of Patricia district which lies within transmission distance of the Ear Falls development at the outlet of Lac Seul on the English river.

In past years only one mining property was served in this district, but during the year 1935 two additional contracts for power supply to mining companies were signed, and a large increase in load resulted. Negotiations have been conducted with five additional mining companies in this area, and it is anticipated that sufficient new load will shortly be obtained to warrant the installation of a second generating unit at Ear Falls development.

## St. Joseph District

This district comprises the area which can be served by the Rat Rapids development on the Albany river at the foot of lake Joseph. This development was completed during the year and power was supplied to two mining properties. Before the close of the year the power demand of these two mines required the entire output of the installed generating capacity and negotiations were carried on with the two mining companies respecting additional blocks of power which would require the installation of a second generating unit. With two units installed, the maximum possible output of the development would approximate 3,000 horsepower.

# RURAL ELECTRICAL SERVICE

## IN ONTARIO

ALTHOUGH the Province of Ontario extends over a vast area of 400,000 square miles, the southern part of the Province commonly known as "Old Ontario" comprises most of the settled area. In this territory there is an assessed area of approximately 40,000 square miles containing about two million acres, of which 75 per cent is land cleared for agricultural purposes. The total rural population in this area exceeds 1,100,000.

The Commission estimates that within reasonable transmission distance of existing transmission lines and stations, about 65,000 farms may be served and that at the end of 1935, nearly one-half of these farms were receiving electrical service.

There are 171 operating rural power districts and power is delivered to approximately 68,000 rural consumers, comprising farms and dwellings in various groups. The consumers are situated in 358 townships and 93 police villages and are served over networks of rural primary lines, which aggregate nearly 10,000 miles. In addition to the 358 townships served by rural power districts, 10 townships are served jointly by rural power districts and voted areas.

The widespread use of modern conveniences such as the telephone, the automobile and more recently the radio, has brought the rural dweller into close touch with the life of the cities; the annual fairs and exhibitions and his more frequent visits to larger centres of population have made him familiar with the application of electrical appliances and machinery as a means of providing greater comfort in the home and freedom from the drudgery of certain farm work. Perhaps the most persuasive argument to the farmer is his knowledge of the benefits electrical service has brought to his neighbour. Once the progressive farmer instals electrical service he does not rest content until he has secured additional equipment to enable him to obtain fuller advantages from the service.

The Commission desires, in every reasonable way to encourage the more liberal use of electrical service in rural areas, especially by the farmers. Under the policy of service at cost, combined with the substantial contributions of the Province to aid rural electrical service, the Ontario farmer receives service at an exceptionally low cost and this low cost can be still further lowered and the service extended by the co-operation of the rural consumer. The Commission has observed that quite a large proportion of consumers in rural power districts fail to make much more than a minimum use of the service and do not appear to appreciate fully how much more service can be obtained by a comparatively small addition to their monthly bills. The service charge to the farmer is necessarily somewhat higher than in the city, but the number of kilowatt-hours charged for at his first energy rate is usually smaller than in cities and villages. Consequently, a very moderate use of energy brings him into the position where additional energy can be obtained for the low follow-up rates in force.

### Uses for Electricity

Each year the progressive farmer of Ontario finds many new uses for electrical service. It would be impossible in this Report to describe these at length, but they may be classified under the following heads:

*Lighting Service*—Electric lighting is safe, convenient and time saving. It adds to the comfort and attractiveness of the farm home and reduces fire hazard to a minimum. Against the cost of energy for lighting may be set the cost of coal oil or candles. Even at 6 cents per kilowatt-hour, a 40-watt lamp can be operated nearly 24 hours for 5 cents.

The progressive farmer is using controlled lighting for increasing the production of eggs and, what is more important from the viewpoint of financial returns, obtaining a greater proportion of the annual egg yield during the months when prices are high.

*Power Service*—Next to lighting the energy used for mechanical purposes gives the most valuable service for the money expended for electricity.

In the farm home washing machines, vacuum cleaners, fans and furnace blowers contribute to making the farm home equal in comfort to one in the city. Motor driven pumps supply water for sanitary systems and general house and farm use.

In the barn, dairy and workshop of the farm, electric motors may be employed for chopping feed, wood cutting, hay hoisting, milking, cream separating, churning and the many purposes of the farm workshop. Electric milking machines reduce labour at milking time to one-half and their regular use increases the milk flow and fat content.

The Commission supplies free energy for operating washing machines and pumps for the use of water under pressure for sanitary purposes. With energy at the 2-cent per kilowatt-hour rate, a ¼ horsepower motor can be operated at full load for three hours for 1 cent. As actually used in motor driven appliances, the motors frequently operate at less than full load or, under automatic operation as in pumping and refrigeration, for only 25 to 50 per cent of the 24 hours.

*Electric Refrigeration*—This is a special application of power service. Its use promotes health and comfort and reduces food losses. Ice obtained from neighbouring ponds is frequently contaminated and has endangered the health of many farm dwellers. Electric refrigeration is of special assistance in connection with dairy operations. The farmer can accumulate his separated cream for a few days with safety and can improve the marketing quality of his milk by cooling. It is also useful in egg storage.

*Heating Service*—Under this head come: the minor appliances of hand irons, toaster and hot plate which owing to their intermittent use consume

RURAL ELECTRICAL SERVICE IN ONTARIO

Under-soil electrical heat for propagating seeds and developing eggplants for the field at Burlington. Produced almost 100 per cent results as compared with about 30 per cent results using greenhouse heat from standard heating plant

RURAL ELECTRICAL SERVICE IN ONTARIO

Harvesting eggplants in Burlington district from plants propagated by under-soil electrical heat. Harvest was weeks earlier than from areas in which plants used were propagated by greenhouse heat only relatively small quantities of electricity per month; the major heating appliances of ranges and water heaters which need relatively large quantities of energy for their operation, and the special applications of electricity for incubating, brooding, etc., and for soil heating which only becomes economically profitable when the current used is available at specially low rates.

The electric range although a heavy user of current is efficient and the cost of operation is more than offset where the farmer can more profitably employ his time than in hauling and chopping wood for the stove. It is safer and in summer provides cool cooking in comfort for the farmer's wife and also leaves her free to undertake more profitable work.

*Entertainment Service—Radio.*—Radios provide entertainment, general information and a familiarity with current events and market prices which have done much to make life on the farm more attractive and profitable. The Commission provides free energy to all rural consumers to operate licensed alternating-current radios. The many applications of power in a farm workshop will provide countless hours of profitable recreation and pleasure.

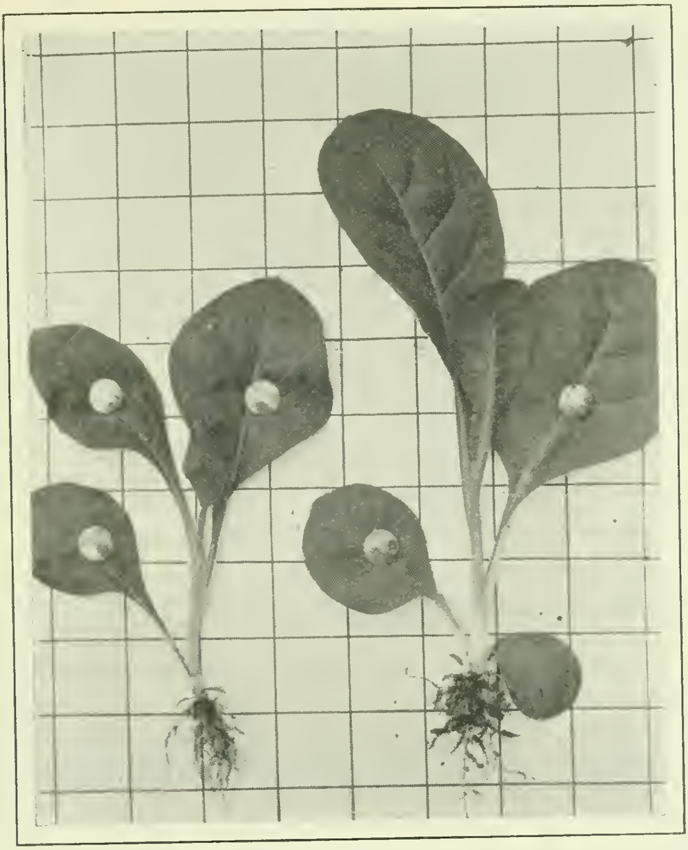
*Miscellaneous.*—The miscellaneous applications of electricity seem only to be limited by the ingenuity of the farmer in adapting this modern flexible agent to his various needs. It is used when spraying against insects and to paint the barn, for incubating, brooding and for the control of humidity and ventilation in connection with poultry raising, to prevent the freezing of vegetables, to cook supplementary food for hogs and in countless other ways.

## Recent Benefits to Rural Consumers

### Reduced Service Charges Effective November 1, 1935

After much study of various means of securing a lower service charge to all rural consumers, it was concluded that certain fixed charges associated with the capital investment, could now be reduced to an extent which would permit the Commission to make a substantial reduction in the monthly service charges. The following table compares the new and the former maximum service charges:

| Class of consumer | Service | Former maximum net service charge per month, in force since Jan 1, 1930 | New maximum net service charge per month, in force on Nov. 1, 1935 |
|---|---|---|---|
| | | $ c. | $ c. |
| 1B | Hamlet lighting | 1.35 | 1.20 |
| 1C | Hamlet lighting, plus range | 2.10 | 1.90 |
| 2A | House lighting | 1.55 | 1.40 |
| 2B | Small farm service | 2.10 | 1.90 |
| 3 | Light farm service | 2.50 | 2.00 |
| 4 | Medium farm service (one phase) | 2.70 | 2.15 |
| 5 | Medium farm service (three phase) | 3.75 | 3.00 |
| 6A | Heavy farm service (one phase) | 4.65 | 3.70 |
| 6B | Heavy farm service (three phase) | 5.30 | 4.25 |
| 7A | Special farm service (one phase) | 6.95 | 5.55 |
| 7B | Special farm service (three phase) | 8.35 | 6.70 |



RURAL ELECTRICAL SERVICE IN ONTARIO
Comparison of tobacco plants propagated in the same greenhouse, with (right) and without (left) under-soil electrical heat

### Free Service

The free current given in 1934 to operate electric washing machines, electric pumps to provide water under pressure for household sanitary systems, and licensed alternating current radios, was continued during the year.

This offer is still available to all present farm and hamlet customers (excepting summer cottages) now supplied from all Hydro rural power district lines in Ontario, who are paying standard rural rates approved for each district. It applies also to all new farm and hamlet homes which may be added to these lines as consumers during the three-year period.

### Maximum Consumption Charge

The Commission has found that the maximum economic limit of the first domestic use throughout the rural power districts of the Province is 6 cents per kilowatt-hour. In all rural power districts where the first consumption rate exceeded 6 cents per kilowatt-hour, this rate therefore was reduced to a maximum of 6 cents per kilowatt-hour. The maximum second rate of 2 cents per kilowatt-hour applies to all districts.

### New Low Third Consumption Rate for Long-Hour Users

In 1934 the Commission made available for rural consumers a special energy rate for long hour uses of power by rural consumers. This particularly affects under-earth heating (hot-beds) and heating of water. Where the extra use of energy may be obtained from the present equipment, a third follow-up rate per kilowatt-hour of 0.75 cents gross, is given in all districts. The first rate remains unchanged, except that as pointed out above it is subject to a maximum of 6 cents per kilowatt-hour, and the kilowatt-hours to be charged at the first rate remain unchanged. The number of kilowatt-hours to be charged at the second rate varies both with the class of service and the first kilowatt-hour rate. At the head of the table of rural rates at the end of this section, is a schedule which shows the class of service, the number of kilowatt-hours per month to be charged for at the first rate, and the number of kilowatt-hours at the second rate according to the governing first rate.

### Provincial Government Aids Rural Electrical Service

Assistance respecting electrical service is given by the Province to farmers and rural residents in three ways, namely:

First—A "grant-in-aid" toward the initial capital cost of supplying electrical service, amounting to 50 per cent of the cost of line and secondary equipment necessary to deliver power from the supply point of the Commission's stations or of a city, town, village, etc., to the customer's property. This is the maximum amount provided for by *The Rural Hydro-Electric Distribution Act.*

Second—Authority was granted to the Commission by the Province in *The Rural Power District Service Charge Act*, 1930, to fix a maximum service charge for any class of service in a rural power district. Where as may be the case in newly established rural power districts such maximum service charge is not sufficient to meet the necessary cost of service, as specified by the Commission, the deficit is chargeable to and payable out of the Consolidated Revenue Fund of the Province. Payments made out of the Consolidated Revenue Fund for this purpose, on account of any rural power district, are charged to that rural power district in a special account—known as the "Rural Power Service Suspense Account"—in the books of the Treasurer of Ontario, and any surplus thereafter arising from any maximum service charge in that rural power district is paid to the Treasurer of Ontario and placed to the credit of the rural power district in such suspense account until the deficit is wiped out. Where a temporary deficit arises in any rural power district owing to the application of the maximum service charge, such maximum service charge must remain in force and be charged in that rural power district until the deficit is wiped out.

The following tabulations show the maximum service charge, in effect since January 1, 1930, and the new maximum service charge which will come into effect November 1, 1935.

### SERVICE CHARGES IN RURAL POWER DISTRICTS

### With Provincial Grant-in-Aid—25-cycle and 60-cycle Service

| Class of rural service | Units per consumer* | Approx. number of customers per mile of line | Demand allowed consumer in k-w. | Kilowatt-hours per month at first rate | Jan. 1, 1930 to Oct. 31, 1935 | | Effective Nov. 1, 1935 | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Net annual service charge | Net monthly service charge | Net annual service charge | Net monthly service charge |
| | | | | | $ c. | $ c. | $ c. | $ c. |
| 1B | 2.25 | 6.8 | 1.32 | 30 | 16.20 | 1.35 | 14.40 | 1.20 |
| 1C | 3.75 | 4.0 | 2.0 | 30 | 25.20 | 2.10 | 22.80 | 1.90 |
| 2A | 1.90 | 8.0 | 1.32 | 30 | 18.60 | 1.55 | 16.80 | 1.40 |
| 2B | 3.50 | 4.3 | 2.0 | 30 | 25.20 | 2.10 | 22.80 | 1.90 |
| **3** | **5.00** | **3.0** | **3.0** | **42** | **30.00** | **2.50** | **24.00** | **2.00** |
| 4 | 5.35 | 2.8 | 5.0 | 70 | 32.40 | 2.70 | 25.80 | 2.15 |
| 5 | 7.50 | 2.0 | 5.0 | 70 | 45.00 | 3.75 | 36.00 | 3.00 |
| 6A | 12.50 | 1.2 | 9.0 | 126 | 55.80 | 4.65 | 44.40 | 3.70 |
| 6B | 12.50 | 1.2 | 9.0 | 126 | 63.60 | 5.30 | 51.00 | 4.25 |
| 7A | 20.00 | 0.74 | 15.0 | 210 | 83.40 | 6.95 | 66.60 | 5.55 |
| 7B | 20.00 | 0.7 | 15.0 | 210 | 100.20 | 8.35 | 80.40 | 6.70 |

*Before a rural primary line is constructed contracts equivalent to 15 primary units per mile must be signed. (For explanation of units see accompanying text.) Thus three Class 3 consumers at 5 units each equals 15 units. Service charges are adjusted so that each class of service bears its equitable share of the cost.

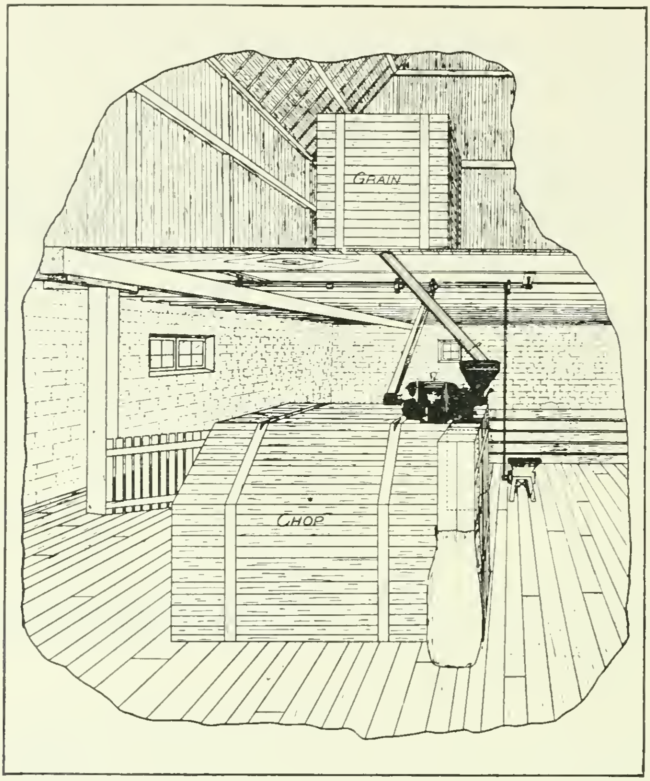
Note—For classification of services see page 86.

Third—An Act—*The Rural Power District Loans Act,* 1930—to provide for granting aid towards the installation of electrical works in rural power districts was passed in 1930. The purpose of the Act is to provide, subject to regulations, advances toward the installation of electrical services in rural power districts. Aid may be granted for the wiring from the transmission or distribution lines of the Commission into and throughout dwellings, farms, out-houses, and any other works which may from time to time be specified by the regulations. In addition to the wiring, loans may be obtained on transformers, motors, or other appliances, as may be necessary or expedient for any industrial, agricultural or domestic purpose which may be specified in the regulations.

#### Rural Loans

Under *The Rural Power District Loans Act,* 1930, authority was given to the Hydro-Electric Power Commission to finance the installation of wiring and the purchase of specified electrical farm equipment by rural farm consumers. The Commission, during the past year, granted 169 loans to farm consumers for the above purpose.

During the fiscal year ending October 31, 1935, there were received 235 applications for loans; of these 24 applications were withdrawn, 28 did not fulfill the requirements, 8 were being investigated and 22, having been approved by the Commission, were awaiting the receipt of final papers. In one case the applicant changed his mind after the cheque was issued and did not require the loan. Of the 22 applications held over from last fiscal year 17 were finally approved. The total of 169 loans granted during the fiscal year is more than twice the number granted during the previous year.



RURAL ELECTRICAL SERVICE IN ONTARIO

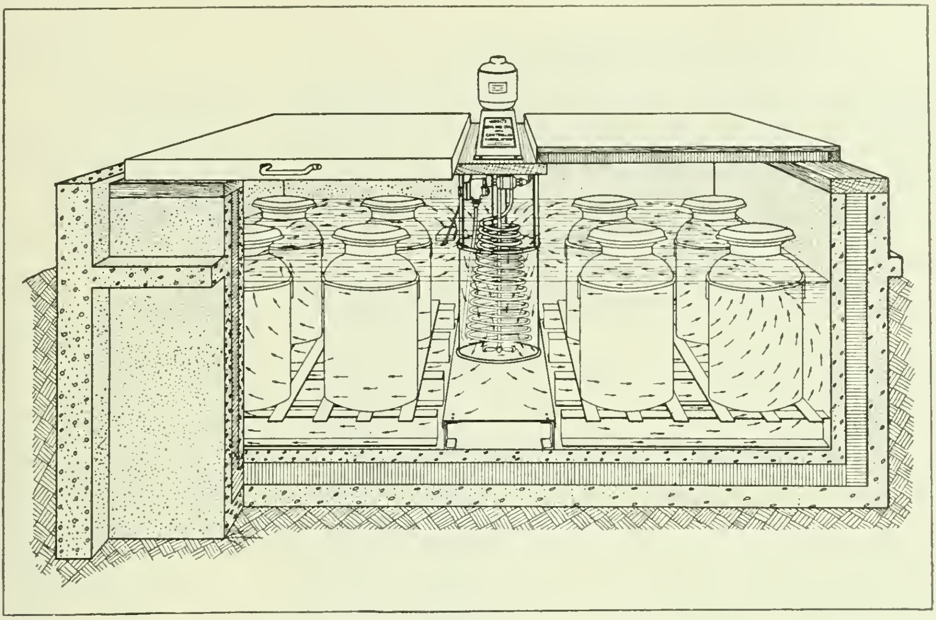
The utility-motor chopper set up as shown permits chopping to be done while the operator is otherwise employed in the barn. The line shafting, when belted to the motor, will supply power for many other machines used in the barn

Since the rural power district loans act was put into force 837 applications have been received and 622 loans were made. The following table shows the number of loans made in the rural power districts in the various systems.

LOANS GRANTED TO CONSUMERS IN RURAL POWER DISTRICTS

| System | Total to Oct. 31, 1934 | | Nov. 1, 1934 to Oct. 31, 1935 | | Total to Oct. 31, 1935 | |
|---|---|---|---|---|---|---|
| | No. | Amount | No. | Amount | No. | Amount |
| | | $ | | $ | | $ |
| Niagara | 331 | 66,430 | 153 | 28,875 | 484 | 95,305 |
| Georgian Bay | 91 | 25,027 | 14 | 3,105 | 105 | 28,132 |
| Eastern Ontario | 25 | 6,680 | 2 | 470 | 27 | 7,150 |
| Thunder Bay | 1 | 335 | | | 1 | 335 |
| Manitoulin R.P.D. | 5 | 1,060 | | | 5 | 1,060 |
| Totals | 453 | 99,532 | 169 | 32,450 | 622 | 131,982 |

The average loan is $212.05.



RURAL ELECTRICAL SERVICE IN ONTARIO

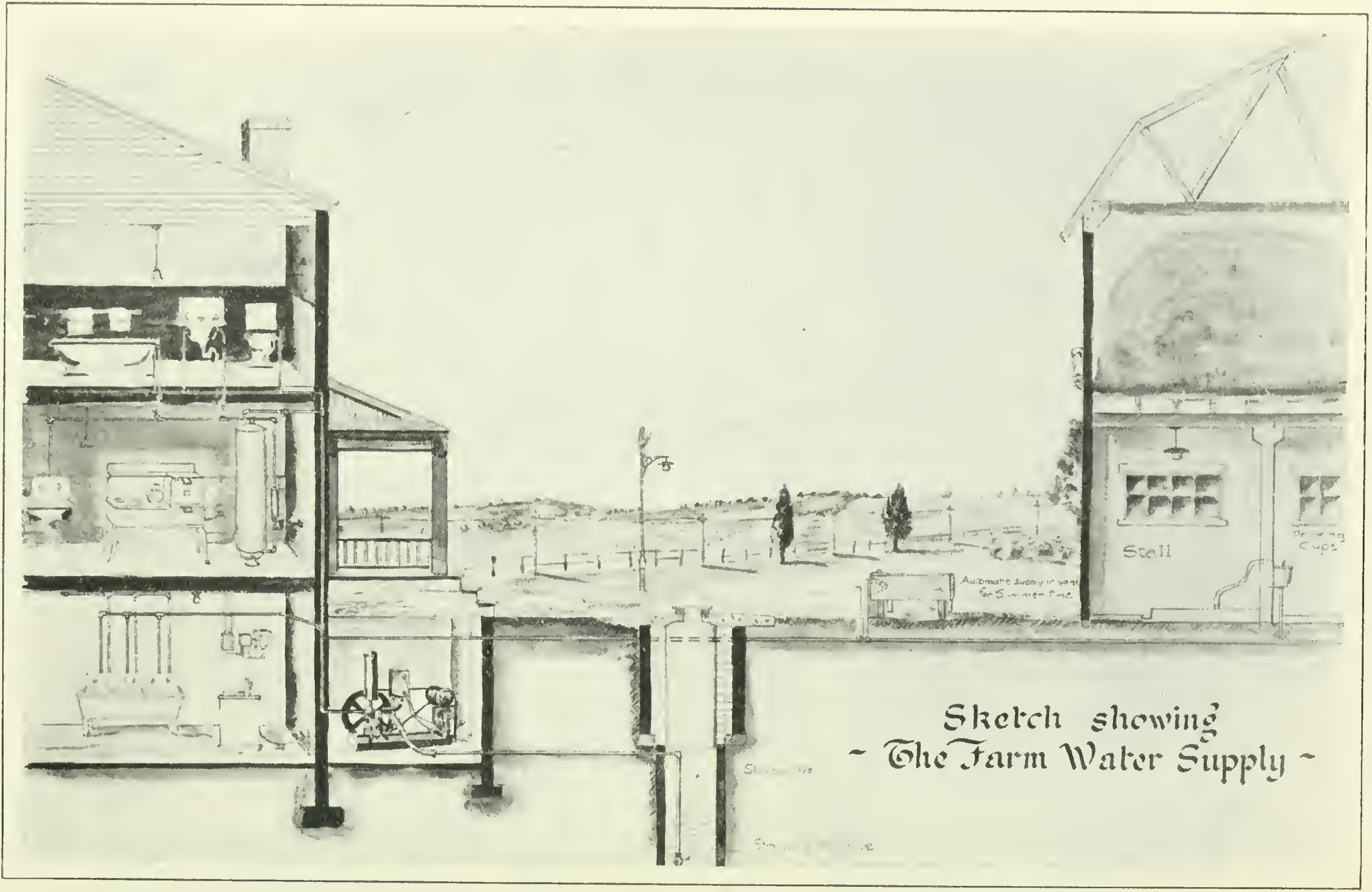
**Milk cooling by electric refrigeration with agitation is now being used by progressive Ontario farmers to their economic advantage. It is reported that this method of cooling is less expensive, more reliable and certainly cleaner than ice**

## DETAILS RESPECTING RURAL LOANS GRANTED TO OCTOBER 31, 1935

| Items applied for (including installation) in loans which have been made | Totals for 453 loans made to Oct. 31, 1934 | | For 169 loans made during year ended Oct. 31, 1935 | | Total for 622 loans made to Oct. 31, 1935 | |
|---|---|---|---|---|---|---|
| | Number affected | Cost to consumers | Number affected | Cost to consumers | Number affected | Cost to consumers |
| | | $ c. | | $ c. | | $ c. |
| Service | 187 | 10,107.88 | 30 | 1,633.91 | 217 | 11,741.79 |
| House wiring | 186 | 18,336.90 | 28 | 1,971.83 | 214 | 20,308.73 |
| Building wiring | 188 | 16,008.40 | 36 | 2,069.67 | 224 | 18,078.07 |
| Motors | 41 | 4,117.96 | 3 | 410.00 | 44 | 4,527.96 |
| Grain grinders | 264 | 47,673.72 | 117 | 24,020.00 | 381 | 71,693.72 |
| Pumping systems | 18 | 2,102.53 | 16 | 2,140.79 | 34 | 4,243.32 |
| Milking machines | 6 | 1,466.00 | 1 | 300.00 | 7 | 1,766.00 |
| Washing machines | 26 | 2,892.00 | 5 | 389.00 | 31 | 3,281.00 |
| Milk coolers | | | 9 | 1,845.00 | 9 | 1,845.00 |
| Totals | | 102,705.39 | | 34,780.20 | | 137,485.59 |

Respecting the 622 loans made to October 31, 1935, the following table shows the number of loans made for each term of years:

| | | | |
|---|---|---|---|
| One year term | 7 loans | Six year term | 10 loans |
| Two " " | 10 " | Seven " " | 79 " |
| Three " " | 55 " | Eight " " | 9 " |
| Four " " | 18 " | Nine " " | 0 " |
| Five " " | 396 " | Ten " " | 38 " |


Sketch showing
~ The Farm Water Supply ~
Stall
Drinking Cups
Automatic supply in yard for Summer time

RURAL ELECTRICAL SERVICE IN ONTARIO

A complete automatic water system for farm water supply to the house, barn and water trough, provides all the conveniences of water service that city dwellers enjoy. The above sketch shows a complete layout, excepting the tank and affluent disposal, which must be located in an area remote from the well

Up to October 31, 1935, 88 loans had been repaid in full, either through the maturing of the loan or because of the improved financial position of the borrower.

The application of the rural power district loans act was extended during the year to include approved electric soil heating equipment and electric stoves.

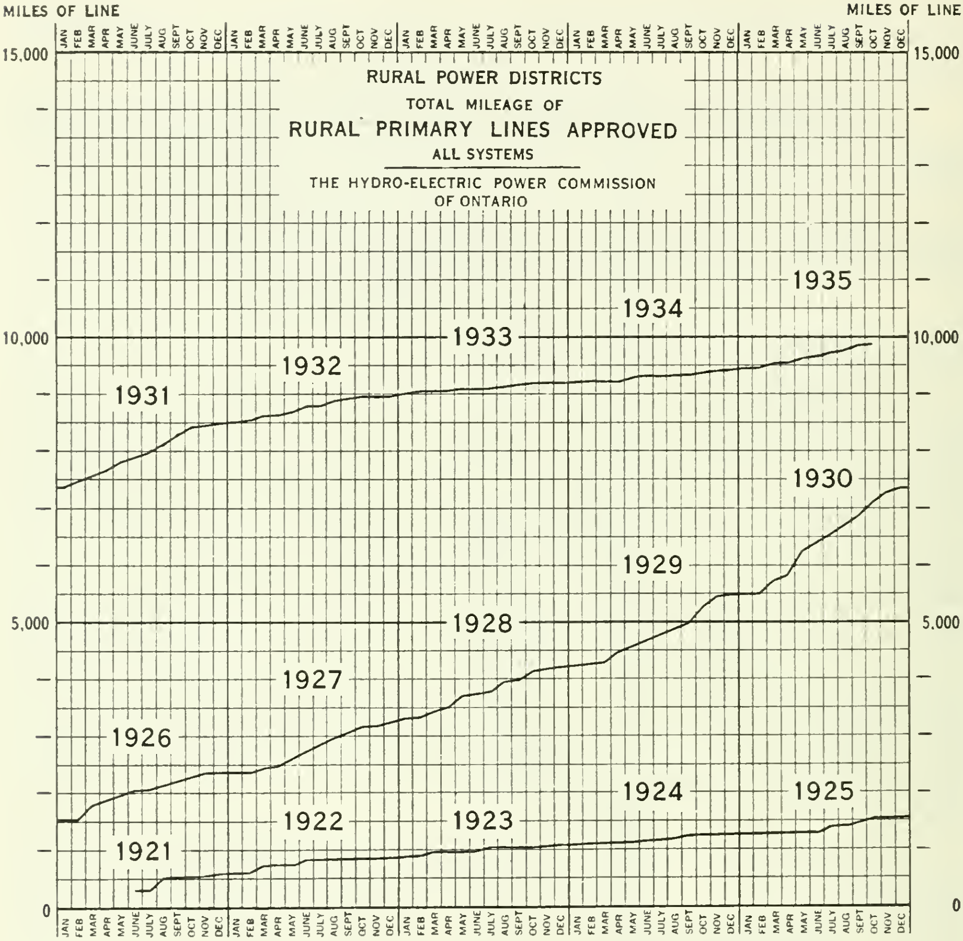
During the last two months of the fiscal year there was again a marked increase in the number of applications for loans.

### Provincial Assistance to Rural Consumers

The extent and effect of the Province's financial assistance with respect to the distribution of power in rural districts should be clearly understood. The Government grant-in-aid relates solely to the initial capital investment for distribution facilities in rural power districts. Having made its grant-in-aid the Government further participates in the operation of each district in that it guarantees a maximum service charge, otherwise its participation in the operation of the property ceases. Each rural power district pays the cost of operation, maintenance and administration of its lines. The Commission also set up, until October 31, 1935, reserves for renewals, obsolescence and contingencies on the whole of the equipment and lines, as well as sinking fund on the investment made by the Commission on behalf of the townships served. Beginning November 1, 1935, however, no further provision will be made for contingencies as it is considered that the present accumulated contingency fund is sufficient to take care of this situation; similarly the renewal charges have been reduced by one-eighth.

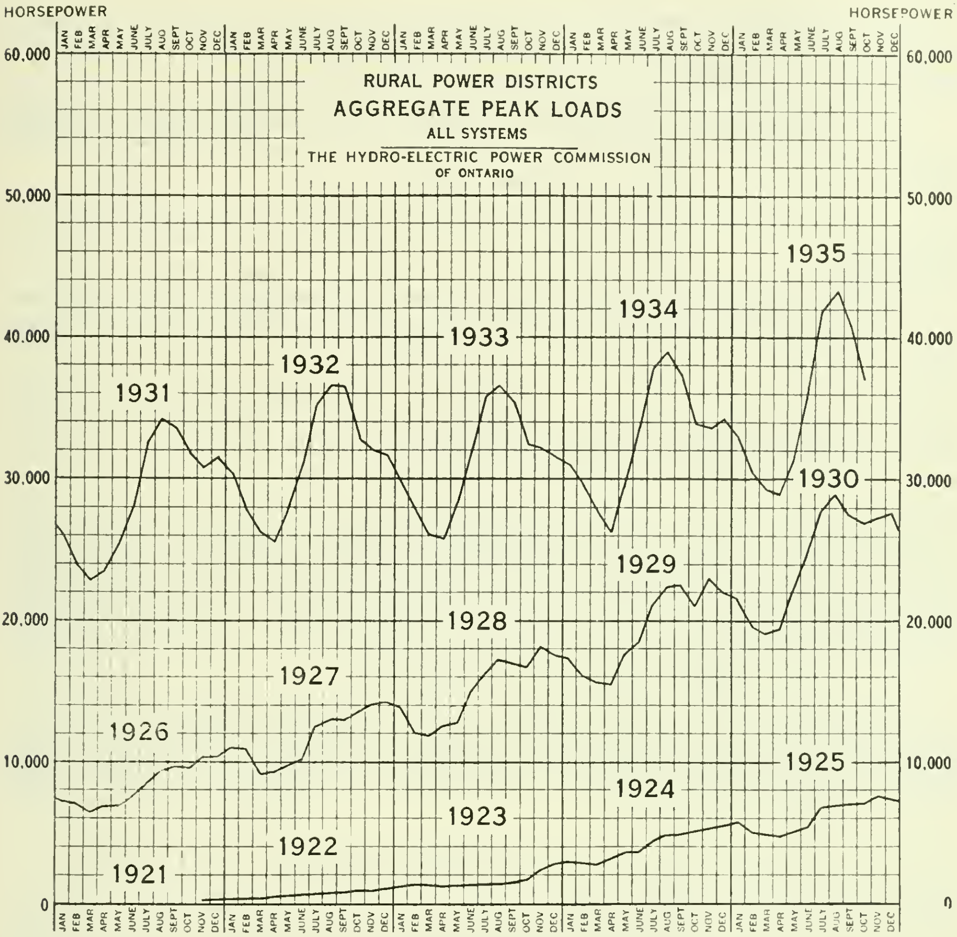
Respecting the monetary savings to consumers resulting from the Ontario Government's assistance in connection with the distribution of power in rural power districts, and from the efforts of the Commission to develop economical methods of construction and operation, it is estimated that rural consumers have benefited by nearly $4,000,000 since the rural power district plan was introduced in 1921, and that these savings will amount to about $1,000,000 per annum in the future. An estimate of some of the more important items follows:

| | Accumulated benefit from 1921 to 1935 | Future yearly benefits |
|---|---|---|
| | $ | $ |
| 1. Saving to rural consumers on account of Government assistance, including interest and sinking fund on capital grant-in-aid, also guarantee of maxumim service charge | 3,830,000 | 640,000 |
| 2. Saving to rural consumers by the Commission on account of reduction in fixed charges on investment and reserves | | 225,000 |
| 3. Saving to rural consumers by the Commission on account of free service | 70,000 | 70,000 |
| 4. Saving to rural consumers by the Commission due to application of low third consumption rate to encourage long hour uses, such as hot beds, etc | 54,600 | 54,600 |
| | 3,954,600 | 989,600 |



### RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION DURING THE YEAR 1935

| System | Miles of primary line | Number of consumers | | | Power supplied in October, 1935 | Capital approved for extensions | |
|---|---|---|---|---|---|---|---|
| | | Hamlet | Farm | Total | | Total | Provincial grant-in-aid |
| | | | | | h.p. | $ c. | $ c. |
| Niagara | 327.29 | 1,001 | 1,414 | 2,415 | 28,157 | 894,829.00 | 447,414.50 |
| Georgian Bay | 61.72 | 432 | 143 | 525 | 2,594 | 167,698.00 | 79,858.50 |
| Eastern Ontario | 145.28 | 522 | 354 | 876 | 6,092 | 343,554.00 | 171,777.00 |
| Thunder Bay | 0.37 | 16 | 12 | 28 | 158 | 4,643.00 | 2,321.50 |
| Manitoulin R.P.D. | | 8 | 3 | 11 | 114 | 965.00 | 482.50 |
| Northern Ontario properties: | | | | | | | |
| Nipissing district | 3.50 | 44 | 13 | 57 | 75 | 12,056.00 | 6,028.00 |
| Total | 538.16 | 2,023 | 1,939 | 3,962 | 37,190 | 1,423,745.00 | 707,882.00 |



## SUMMARY OF RURAL LINE EXTENSIONS

### As Approved by the Commission from June 1, 1921 to Oct. 31, 1935

### Constructed or Under Construction

| System | Miles of primary line | Number of consumers | | | Capital approved for extensions | |
|---|---|---|---|---|---|---|
| | | Hamlet | Farm | Total | Total | Provincial grant-in-aid |
| | | | | | $ c. | $ c. |
| Niagara | 7,081.86 | 24,042 | 24,070 | 48,112 | 15,820,253.89 | 7,886,864.94 |
| Georgian Bay | 950.11 | 4,755 | 2,023 | 6,778 | 1,995,270.95 | 952,517.49 |
| Eastern Ontario | 1,807.86 | 7,536 | 4,459 | 11,995 | 4,051,609.31 | 2,025,804.65 |
| Thunder Bay | 81.35 | 139 | 176 | 315 | 148,014.00 | 74,007.00 |
| Manitoulin R.P.D. | 37.25 | 153 | 23 | 176 | 64,578.00 | 32,289.00 |
| Northern Ontario properties: | | | | | | |
| Nipissing district | 18.12 | 379 | 47 | 426 | 59,375.00 | 29,687.50 |
| Total | *9,976.55 | 37,004 | 30,798 | 67,802 | 22,139,101.15 | 11,001,152.58 |

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*This total includes 98.71 miles of primary line under construction on October 31, 1935, required to serve 443 new consumers.

The aggregate rural load distributed in October of this year shows a satisfactory increase on all systems. The October load in 1935 was about 9.5 per cent greater than the October load of the previous year.

The accompanying diagrams and tables illustrate the growth in rural electrical service in Ontario during the last fifteen years.

### Construction

During the year applications received for rural electrical service required the construction of 538 miles of rural primary lines. Most of these primary lines were actually constructed during the year and the remainder will be completed early next year. The mileage of rural lines constructed during 1935 was approximately three times greater than during 1934. In the last sixteen years the 1935 construction has only been exceeded during six other years.

The total mileage of rural lines constructed, and under construction, to the end of 1935, to serve rural consumers, amounted to approximately 10,000 miles. The capital expenditure approved for rural construction during the past year was $1,423,745 and the aggregate peak load in October 1935, reached 37,190 horsepower. For the coming year arrangements have been made to construct about 800 miles of additional rural lines.

The tabulation on page 76 shows the extensions approved during the year, the number of consumers, the amounts of power supplied, the capital expenditures and the amount of Provincial "grant-in-aid" of rural lines approved by the Government.

### Rates for Rural Electrical Service

Rates to rural consumers are based upon service "at cost"—account being taken of the Provincial "grant-in-aid" for rural work and the operation of the provision for a maximum service charge—and as in urban centres the rates are made up of two parts, a service charge and a consumption charge. In any rural power district the service charge to a consumer depends primarily upon the individual connected load or demand which determines his class rating (see "Classification of Services") but this is modified in the earlier years of operation of a rural power district by the provision respecting maximum service charge; the consumption charge is based upon a first, second and third kilowatt-hour rate, the first and second rate being determined by the cost of power at the source of supply to the rural power district, and the third rate is the same for all consumers.

For the purpose of determining the service charge, each mile of line is assumed to represent a minimum of 15 units and to each class of service is assigned a value in such units. The table on page 71 gives this information and shows the annual and monthly net service charges applicable to each class of service. More than 90 per cent of the contracts entered into for farm service are either Class 2B or Class III. These, therefore, are the representative classes for individual farm service.

Rather more than half the consumers in rural power districts are grouped in hamlets or small villages closely identified with rural activities, and these consumers are usually in Class 1B or Class 1C. It is pointed out that rural power districts do not include suburban districts or larger villages. These have their own electrical utilities.

Usually new rural power districts begin at standard rural rates and these constitute the maximum rates submitted to the proposed consumers. As the average number of consumers per mile of line increases, the service charges may be, and in practice have been, reduced; and with increased consumption the rates per kilowatt-hour are also lowered. Thus, in older-established rural power districts the total cost of service is much below the initial standard rates.

### Contracts with Consumers

For many years power agreements made between rural customers and townships were for a twenty year period. When rural power service was inaugurated on a principle of service at cost, this period was considered advisable for all rural contracts in order to protect the interests of the rural consumers themselves, as partners embarking in an undertaking involving collective responsibility for a substantial capital investment, to be liquidated over a period of years. The contract provision thus constituted, as between consumers, a mutual guarantee with respect to service charges. Without such assurance extensions in the early years would have been greatly hampered.

As the number of consumers on the rural lines constructed increased and rural consumers, generally, throughout the Province became better informed as to the possible uses of electric power on the farm, rural electrical service became well established.

In 1934 the Commission announced that a recommendation had been made to all township municipalities that they should pass a by-law, authorizing the Commission to reduce the term of existing and future rural contracts from twenty to five years in certain cases. These contracts were to continue in force from year to year after the expiration of the five-year period.

It is provided, however, that this change in contract term shall not take effect unless and until the Councils of all the various townships forming part of each rural power district pass by-laws approving such amendment in existing and future rural power contracts.

A consumer, who has a loan under *The Rural Power District Loans Act,* shall not be entitled to avail himself of cancellation of his rural contract with the township until after all obligations under the said loan have been discharged.

This change in term of contract does not apply to "guarantee" contracts.

At the end of 1935, all townships, excepting two, had passed the necessary by-law and five-year agreements are available in most rural power districts. The two townships concerned have not passed this by-law due to conditions which require further consideration.

At the end of this section a tabulation of the rural power districts shows the miles of line, the number of consumers and the rate schedules for each district of the several systems.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

Rates shown in this table became effective November 1, 1935. Miles of line and number of consumers as at October 31, 1935.

### NIAGARA SYSTEM

| Rural power district | | | | Rural rates | | | | | | | | | | | Gross consumption charges per kilowatt-hour | | | Prompt payment discount on gross bill |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class | | | 1B | 1C | 2A | 2B | **3*** | 4 | 5 | 6A | 6B | 7A | 7B | | | | |
| | | | | Monthly consumption charged for at first energy rate | | | | | | | | | | | | | | |
| | No. of kw-hrs. per month | | | 30 | 30 | 30 | 30 | **42** | 70 | 70 | 126 | 126 | 210 | 210 | | | | |
| | | | | Monthly consumption charged for at second energy rate | | | | | | | | | | | | | | |
| | No. of kw-hrs. where first energy rate is less than 3 cts. | | | 120 | 270 | 120 | 270 | **258** | 430 | 430 | 774 | 774 | 1290 | 1290 | | | | |
| | 3 cts. | | | 105 | 240 | 105 | 240 | **228** | 380 | 380 | 684 | 684 | 1140 | 1140 | | | | |
| | 3.1 to 4 cts. | | | 75 | 180 | 75 | 180 | **168** | 280 | 280 | 504 | 504 | 840 | 840 | | | | |
| | 4.1 to 5 cts. | | | 60 | 150 | 60 | 150 | **138** | 230 | 230 | 414 | 414 | 690 | 690 | | | | |
| | more than 5 cts. | | | 45 | 120 | 45 | 120 | **108** | 180 | 180 | 324 | 324 | 540 | 540 | | | | |
| | Property number | Miles of line | No. of consumers | Gross monthly service charge | | | | | | | | | | | First energy rate | Second energy rate | Rate for all additional | |
| | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Acton | N5 D1 | 9.35 | 28 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Ailsa Craig | N4 D7 | 5.59 | 16 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Alvinston | N18 D9 | 4.50 | 9 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Amherstburg | N15 D3 | 67.61 | 609 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 3.5 | 2 | 0.75 | 10 |
| Aylmer | N11 D2 | 119.28 | 677 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Ayr | N12 D4 | 23.76 | 91 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Baden | N7 D1 | 100.73 | 471 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Beamsville | N44 D3 | 170.08 | 1,614 | 1.13 | 1.80 | 1.32 | 1.80 | **1.89** | 2.03 | 2.83 | 3.50 | 4.01 | 5.24 | 6.33 | 3 | 1.5 | 0.75 | 10 |
| Belle River | N15 D2 | 43.83 | 378 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 4 | 2 | 0.75 | 10 |
| Blenheim | N14 D3 | 61.58 | 333 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Bond Lake | N3 D3 | 174.05 | 1,718 | 1.10 | 1.80 | 1.32 | 1.80 | **1.89** | 2.03 | 2.83 | 3.50 | 4.01 | 5.24 | 6.33 | 3 | 1.5 | 0.75 | 10 |
| Bothwell | N14 D10 | 39.59 | 149 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Brampton | N13 D2 | 56.93 | 182 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Brant | N12 D1 | 119.36 | 631 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Brigden | N18 D8 | 36.91 | 121 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Burford | N12 D2 | 53.50 | 282 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Caledonia | N2 D5 | 106.32 | 550 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Chatham | N14 D1 | 150.52 | 858 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Chippawa | N1 D7 | 28.20 | 188 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Clinton | N8 D11 | 70.61 | 384 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Delaware | N4 | D3 | 143.20 | 697 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dorchester | N4 | D1 | 113.53 | 623 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dresden | N14 | D12 | 26.56 | 84 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Drumbo | N12 | D5 | 60.48 | 278 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Dundas | N2 | D1 | 127.88 | 815 | 1.30 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.25 | 0.75 | 10 |
| Dunnville | N1 | D9 | 19.73 | 115 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| | | | | † | 1.00 | 1.86 | 1.38 | 1.86 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Dutton | N11 | D3 | 47.40 | 181 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Elmira | N7 | D3 | 26.05 | 94 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Elora | N5 | D4 | 48.21 | 270 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Essex | N15 | D7 | 90.05 | 464 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Exeter | N4 | D6 | 70.20 | 682 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Forest | N18 | D6 | 50.13 | 190 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Galt | N6 | D2 | 40.93 | 341 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Georgetown | N5 | D2 | 58.46 | 282 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Goderich | N8 | D2 | 50.69 | 195 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Grantham | N44 | D1 | 65.53 | 861 | 1.00 | 1.50 | 1.26 | 1.86 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Guelph | N5 | D3 | 99.41 | 605 | ‡1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Haldimand | N2 | D8 | 77.23 | 361 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Harriston | N8 | D5 | 23.75 | 61 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Harrow | N15 | D4 | 68.58 | 661 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 4.5 | 2 | 0.75 | 10 |
| Ingersoll | N10 | D3 | 184.05 | 633 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5.5 | 2 | 0.75 | 10 |
| Jordan | N44 | D2 | 39.99 | 414 | 1.06 | 1.86 | 1.38 | 1.86 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Keswick | N3 | D5 | 58.40 | 1,126 | 1.20 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Kingsville | N15 | D5 | 138.23 | 1,461 | 1.00 | 1.69 | 1.24 | 1.69 | 1.78 | 1.91 | 2.67 | 3.29 | 3.78 | 4.93 | 5.96 | 3 | 2 | 0.75 | 10 |
| Listowel | N8 | D8 | 82.15 | 357 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| London | N4 | D2 | 200.47 | 2,280 | 0.90 | 1.59 | 1.14 | 1.59 | 1.67 | 1.79 | 2.50 | 3.09 | 3.54 | 4.62 | 5.59 | 3 | 1.5 | 0.75 | 10 |
| Lucan | N4 | D5 | 43.48 | 149 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Lynden | N2 | D2 | 62.19 | 259 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Markham | N3 | D1 | 129.80 | 976 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 4 | 2 | 0.75 | 10 |
| Merlin | N14 | D15 | 96.61 | 344 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Milton | N13 | D3 | 71.51 | 361 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Milverton | N8 | D9 | 41.46 | 179 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Mitchell | N8 | D7 | 70.11 | 355 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4.5 | 2 | 0.75 | 10 |
| Newmarket | N3 | D4 | 69.33 | 403 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Niagara | N1 | D1 | 51.15 | 326 | 1.20 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |

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*See footnote on page 86. †Lowbanks extension. ‡Service charge $1.20 in suburban area.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

### NIAGARA SYSTEM—Continued

| Rural power district | Rural rates | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class | | | 1B | 1C | 2A | 2B | **3*** | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges | | | Prompt payment discount |
| | Property number | Miles of line | No. of consumers | Gross monthly service charge | | | | | | | | | | | First energy rate† | Second energy rate† | Rate for all additional | |
| | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Norwich | N10 D1 | 118.09 | 526 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Oil Springs | N18 D3 | 21.14 | 115 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Palmerston | N8 D6 | 38.56 | 115 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Petrolia | N18 D5 | 14.98 | 64 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Preston | N6 D1 | 153.10 | 1,121 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.25 | 0.75 | 10 |
| Ridgetown | N14 D2 | 107.78 | 720 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| St. Jacobs | N7 D2 | 71.34 | 391 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| St. Marys | N9 D1 | 123.24 | 453 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| St. Thomas | N11 D1 | 172.17 | 1,169 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Saltfleet | N17 D1 | 96.58 | 1,676 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 3 | 1.5 | 0.75 | 10 |
| Sandwich | N15 D1 | 130.76 | 2,035 | 1.00 | 1.69 | 1.24 | 1.69 | **1.78** | 1.91 | 2.67 | 3.29 | 3.78 | 4.93 | 5.96 | 3.5 | 1.5 | 0.75 | 10 |
| Sarnia | N18 D4 | 89.14 | 1,274 | 1.20 | 1.90 | 1.40 | 1.90 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 3.5 | 2 | 0.75 | 10 |
| Scarboro | N3 D2 | 91.85 | 886 | 1.13 | 1.80 | 1.32 | 1.80 | **1.89** | 2.03 | 2.83 | 3.50 | 4.01 | 5.24 | 6.33 | 4 | 2 | 0.75 | 10 |
| Seaforth | N8 D10 | 17.56 | 152 | 1.10 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Simcoe | N12 D6 | 75.12 | 397 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Stamford | N44 D4 | 8.77 | 305 | 1.30 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Stratford | N8 D4 | 37.17 | 234 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Strathroy | N4 D4 | 80.21 | 235 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Streetsville | N13 D1 | 108.58 | 482 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Tavistock | N8 D1 | 93.16 | 330 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Thamesville | N14 D11 | 69.64 | 279 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Tilbury | N14 D14 | 81.32 | 318 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Tillsonburg | N10 D4 | 121.27 | 630 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3.5 | 2 | 0.75 | 10 |
| Wallaceburg | N14 D13 | 98.97 | 608 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Walsingham | N12 D7 | 135.12 | 609 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Walton | N8 D3 | 45.10 | 274 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Waterdown | N2 D3 | 71.61 | 990 | 1.20 | 1.89 | 1.39 | 1.89 | **2.00** | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 2.5 | 1 | 0.75 | 10 |
| Waterford | N12 D3 | 73.01 | 326 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Watford | N18 D7 | 17.55 | 57 | 1.33 | 2.11 | 1.56 | 2.11 | **2.22** | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Welland | N1 D5 | 285.61 | 2,790 | 1.00 | 1.87 | 1.38 | 1.87 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Woodbridge | N16 D1 | 213.92 | 1,089 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 2 | 0.75 | 10 |
| Woodstock | N10 D2 | 130.17 | 690 | 1.30 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 2 | 0.75 | 10 |

Total, Niagara system, 7,081.82; 48,112. *See footnote on page 86. †See heading to first page of table.

## GEORGIAN BAY SYSTEM

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alliston | S32 D1 | 24.64 | 149 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Arthur | E13 D2 | 2.40 | 8 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Bala | GB13 D1 | 41.27 | 260 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Barrie | S4 D1 | 61.90 | 514 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Baysville | M10 D1 | 32.35 | 172 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| | | | | | | | | | | | | | | | | | |
| Beaumaris | M7 D1 | 36.84 | 305 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Beaverton | W2 D1 | 31.23 | 372 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| | | | ‡ | 1.22 | 1.89 | 1.39 | 1.89 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Beeton | S33 D1 | 1.80 | 5 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Bradford | S37 D1 | 27.07 | 85 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Bruce | E19 D1 | 62.47 | 296 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| | | | | | | | | | | | | | | | | | |
| Buckskin | S24 D1 | 1.20 | 15 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Cannington | W3 D1 | 10.09 | 53 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Chatsworth | E3 D1 | ........ | 22 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Cookstown | S35 D1 | 0.50 | 2 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Creemore | S10 D2 | 30.12 | 121 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| | | | | | | | | | | | | | | | | | |
| Elmvale | S7 D1 | 26.25 | 157 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5.5 | 2 | 0.75 | 10 |
| Flesherton | E1 D1 | 2.60 | 24 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Gravenhurst | M4 D1 | 3.04 | 23 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Hawkestone | S9 D1 | 29.80 | 202 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Holstein | E7 D1 | 0.50 | 8 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| | | | | | | | | | | | | | | | | | |
| Huntsville | M2 D1 | 33.49 | 135 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Innisfil | S31 D1 | 36.46 | 656 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Lucknow | E24 D1 | 0.11 | 2 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Mariposa | W9 D1 | 49.85 | 325 | 1.20 | 1.90 | 1.40 | 1.90 | 2.00 | 2.16 | 3.00 | 3.70 | 4.26 | 5.56 | 6.70 | 6 | 2 | 0.75 | 10 |
| Markdale | E1 D2 | 20.70 | 85 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| | | | | | | | | | | | | | | | | | |
| Meaford | E14 D1 | 1.00 | 5 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Medonte | S18 D1 | 9.44 | 57 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Midland | S1 D1 | 33.60 | 163 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Minden | G37 D1 | ........ | ........ | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Neustadt | E8 D1 | 0.50 | 4 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |

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‡Cedarhurst and Maple Beach Extensions.

## RURAL POWER DISTRICTS—MILES OF LINE, NUMBER OF CONSUMERS AND RATES

### GEORGIAN BAY SYSTEM—Continued

| Rural power district | Rural rates | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Class | | | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | Gross consumption charges | | | 
| | Property number | Miles of line | No. of consumers | Gross monthly service charge | | | | | | | | | | | First energy rate† | Second energy rate† | Rate for all additional | Prompt payment discount |
| | | | | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | cents | cents | cents | % |
| Nottawasaga | S5 D1 | 8.22 | 100 | 1.25 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Orangeville | E12 D1 | 23.28 | 82 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Owen Sound | E2 D1 | 13.82 | 74 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Port Perry | W12 D1 | 51.66 | 402 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Ripley | E24 D2 | 4.32 | 13 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Sauble | E46 D1 | 11.45 | 66 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Shelburne | E10 D1 | 18.44 | 51 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Sparrow Lake | W1 D1 | 35.04 | 280 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Tara | E15 D1 | 25.75 | 112 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Thornton | S36 D1 | 8.00 | 32 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Utterson | M8 D1 | 21.75 | 133 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Uxbridge | W11 D1 | 62.15 | 209 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Wasaga Beach | S10 D1 | 18.56 | 709 | 1.00 | 1.75 | | | | | | | | | | 4.5 | 1.5 | | 10 |
| Wroxeter | E22 D1 | 36.45 | 290 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |

Total, Georgian Bay system, 950.11; 6,778. *See footnote on page 86. †See heading to first page of table.

### EASTERN ONTARIO SYSTEM

| Rural power district | Property number | Miles of line | No. of consumers | 1B | 1C | 2A | 2B | 3* | 4 | 5 | 6A | 6B | 7A | 7B | First energy rate† | Second energy rate† | Rate for all additional | Prompt payment discount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Alexandria | L15 D1 | 20.40 | 107 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Arnprior | QM10 D1 | 5.72 | 59 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Belleville | C38 D1 | 86.55 | 712 | 1.13 | 1.80 | 1.32 | 1.80 | 1.89 | 2.03 | 2.83 | 3.50 | 4.01 | 5.24 | 6.33 | 3.5 | 1.5 | 0.75 | 10 |
| Bowmanville | C23 D1 | 34.47 | 150 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Brighton | C6 D1 | 12.10 | 72 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Brockville | L3 D1 | 99.36 | 685 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Campbellford | C11 D1 | 22.69 | 83 | 1.20 | 2.11 | 1.50 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Carleton Place | H5 D1 | 0.50 | 1 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Chesterville | L5 D1 | 56.68 | 388 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Cobourg | C13 D1 | 107.02 | 511 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Colborne | C7 D1 | 38.28 | 218 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Fenelon Falls | C30 D1 | 33.10 | 186 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Iroquois | L9 | D1 | 91.16 | 461<br>§ | 1.11<br>0.83 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | Spec | ial | | |
| Kemptville | H9 | D1 | 5.43 | 47 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Kingston | C44 | D1 | 138.54 | 810 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Lakefield | C18 | D1 | 28.94 | 110 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Lindsay | C29 | D1 | 21.83 | 156 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Martintown | L13 | D1 | 24.29 | 147 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Maxville | L14 | D2 | 62.64 | 411 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Millbrook | C25 | D1 | 21.93 | 134 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Napanee | C43 | D1 | 112.10 | 553 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Nepean | T1 | D1 | 186.12 | 1,198 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 3 | 1.5 | 0.75 | 10 |
| Newcastle | C22 | D1 | 30.45 | 132 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Norwood | C31 | D1 | 8.03 | 65 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Omemee | C26 | D1 | 5.22 | 8 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Oshawa | C24 | D1 | 131.57 | 1,687 | 1.00 | 1.69 | 1.24 | 1.69 | 1.78 | 1.91 | 2.67 | 3.29 | 3.78 | 4.93 | 5.96 | 3 | 1.75 | 0.75 | 10 |
| Perth | H2 | D1 | 17.11 | 83 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Peterboro | C20 | D1 | 68.25 | 1,159 | 0.63 | 1.16 | 0.79 | 1.21 | 1.59 | 1.66 | 2.01 | 2.57 | 2.91 | 3.81 | 4.62 | 4 | 2 | 0.75 | 10 |
| Prescott | L2 | D1 | 37.07 | 202 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Renfrew | QM16 | D1 | 21.41 | 139 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Smiths Falls | H3 | D1 | 70.14 | 407 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Stirling | C35 | D1 | 27.81 | 115 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Trenton | C3 | D1 | 49.04 | 226 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 5 | 2 | 0.75 | 10 |
| Warkworth | C49 | D1 | 0.77 | 8 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Wellington | C45 | D1 | 113.19 | 453 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Williamsburg | L7 | D1 | 17.95 | 112 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |

Total, Eastern Ontario system, 1,807.86; 11,995. §Brinston Corners section.

## THUNDER BAY SYSTEM

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fort Willaim | P10 | D1 | 51.53 | 182 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |
| Port Arthur | P2 | D1 | 29.82 | 133 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 4 | 2 | 0.75 | 10 |

Total, Thunder Bay system, 81.35; 315.

## MANITOULIN RURAL POWER DISTRICT

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Manitoulin | FM1 | D1 | 37.25 | 176 | 1.33 | 2.11 | 1.56 | 2 11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |

## NORTHERN ONTARIO PROPERTIES

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nipissing District | | | | | | | | | | | | | | | | | | | |
| North Bay | Z4 | D1 | 14.87 | 411 | 0.87 | 1.38 | 1.01 | 1.38 | 1.44 | 1.56 | 2.17 | 2.68 | 3.07 | 4.01 | 4.84 | 6 | 2 | 0.75 | 10 |
| Powassan | Z8 | D1 | 3.25 | 15 | 1.33 | 2.11 | 1.56 | 2.11 | 2.22 | 2.39 | 3.33 | 4.11 | 4.72 | 6.17 | 7.44 | 6 | 2 | 0.75 | 10 |
| Total, Nipissing District | | | 18.12 | 426 | | | | | | | | | | | | | | | |

**Total, all systems: Miles of line, 9,976.55‡ Number of consumers, 67,802.** *See footnote on page 86. †See heading to first page of table.

‡This total includes 98.71 miles of primary line under construction on October 31, 1935, to serve 443 new consumers.

## CLASSIFICATION OF SERVICES FOR RURAL POWER DISTRICTS

When contracts between the consumer and the township have been executed, users of power in townships are supplied with electric service under general classes, according to the requirements and conditions of the individual consumer, as follows:

| Class | Service | Class demand kilowatts | Phase | Volts | Fuse rating amperes (maximum) |
|---|---|---|---|---|---|
| 1B | Hamlet Lighting | 1.32 | 1 | 110 | 20 |
| 1C | " " | 2 | 1 | 220/110 | 35 |
| 2A | House Lighting | 1.32 | 1 | 110 | 20 |
| 2B | Small Farm Service | 2 | 1 | 220/110 | 35 |
| **3** | **Light Farm Service** | **3** | **1** | **220/110** | **35** |
| 4 | Medium Farm Service | 5 | 1 | 220/110 | 50 |
| 5 | " " " | 5 | 3 | 220/110 | 35 |
| 6A | Heavy Farm Service | 9 | 1 | 220/110 | 100 |
| 6B | " " " | 9 | 1 and 3 | 220/110 | 60 |
| 7A | Special Farm Service | 15 | 1 | 220/110 | According to load |
| 7B | " " " | 15 | 1 and 3 | 220/110 | According to load |

Class 1: Hamlet Service—Includes service to consumers (other than farm and power users) in hamlets, where four or more consumers are served from one transformer. Service is given under two sub-clarses as follows:

> Class 1-B: Service to residences or stores, including use of portable appliances, and permanently installed appliances not exceeding 1,320 watts.
>
> Class 1-C: Service to residences or stores with electric range or ordinary permanently installed appliances greater than 1,320 watts. Where a combination of residence and store can be supplied from one service, the combination is billed as a single Class 1-C consumer. Special or unusual loads will be treated specially.

Class 2-A: House Lighting—Includes service to all consumers other than farm and power users that cannot be grouped as in Class 1.

Class 2B: Farm Service, Small—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 2 horsepower and electric range if motors and range are not used simultaneously, on a farm of fifty acres or less.

**Class 3: Farm Service, Light—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors not exceeding 3 horsepower and electric range if motors and range are not used simultaneously.**

Class 4: Farm Service, Medium Single-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for single-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

Class 5: Farm Service, Medium 3-Phase—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for 3-phase motors up to 5-horsepower demand and electric range if motors and range are not used simultaneously.

Class 6: Farm Service, Heavy—Includes service for lighting of farm buildings, power for miscellaneous small equipment and power for motors up to 5-horsepower demand and an electric range, or 10-horsepower demand without an electric range. Single- or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

Class 7: Farm Service Special—Includes service for lighting of farm buildings, power for miscellaneous small equipment. power for 3-phase motors from 10- to 20-horsepower demand and electric range. Single or three-phase service will be given at the discretion of The Hydro-Electric Power Commission of Ontario.

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Note: Class 2E is the service usually supplied to farms of fifty acres or less and Class 3 is the service usually supplied to larger farms. More than 90 per cent of new contracts for farm service are in one or other of these classes.

# SECTION IV

## HYDRAULIC ENGINEERING AND CONSTRUCTION

The foundation for the 45,000 kv-a frequency-changer set at Chats Falls was designed and constructed by the Hydraulic and Construction departments respectively.

Due to the increase in the demand for power in the Lake St. Joseph district, plans were prepared for an additional development at Rat Rapids.

At the Abitibi Canyon development three additional units are being erected. These will bring the installed capacity to 330,000 horsepower and complete development.

The Commission has co-operated with the Ontario government by providing through its Hydraulic department, engineering assistance in connection with the Root River transportation scheme, and the problem of water supply to the Burwash prison farm.

Other activities of this department included investigation of possible sources of power supply to the Commission's systems; the collection of hydrometric data; dealing with questions of land damage and other land matters; providing engineering advice to the municipality of Thornbury, and routine matters submitted to the department.

## NIAGARA SYSTEM

### Niagara River Developments

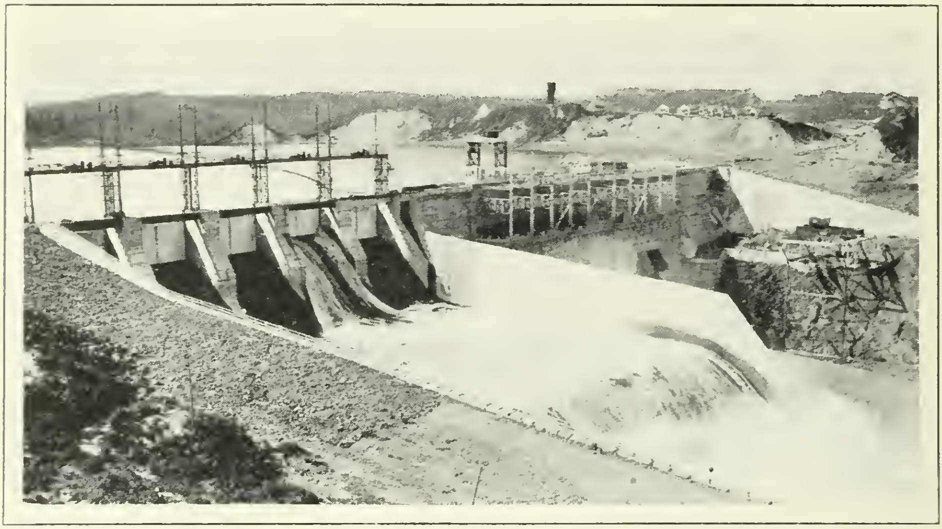
At the intake of the Ontario Power plant construction of revisions designed to reduce ice trouble was commenced.

No other major construction was undertaken at any of the plants on the Niagara river.

### Chats Falls Development

The substructure for the 45,000-kv-a frequency-changer set, which included the machine foundation and the supporting walls up to the generator floor, was designed by this department. The Commission's staff was employed in its construction during the summer and fall, and completed the work well in advance of schedule.

The foundation block is 40 feet square and 5 feet thick, well anchored and keyed to the rock. Upon this was erected a heavily reinforced concrete pedestal



**ABITIBI CANYON DEVELOPMENT—NORTHERN ONTARIO PROPERTIES**

General view from east side showing sluice-ways and over-flow channel and top of power house n canyon beyond

24 feet 6 inches in diameter and 21 feet 3 inches high. The top of the pedestal is supported laterally by a heavy concrete floor extending to the headworks and power-house substructure.

The substructure for the frequency-changer set is an extension on the Ontario side of the substructure of the generating station.

## EASTERN ONTARIO SYSTEM

At the High Falls plant on the Mississippi river, early in the summer, approximately 25 feet of the lower end of the wood-stave pipe line was replaced, and a steel thimble installed at the junction of the pipe and distributor.

For the Calabogie plant the department redesigned and supervised the reconstruction of the head-gate gantry crane.

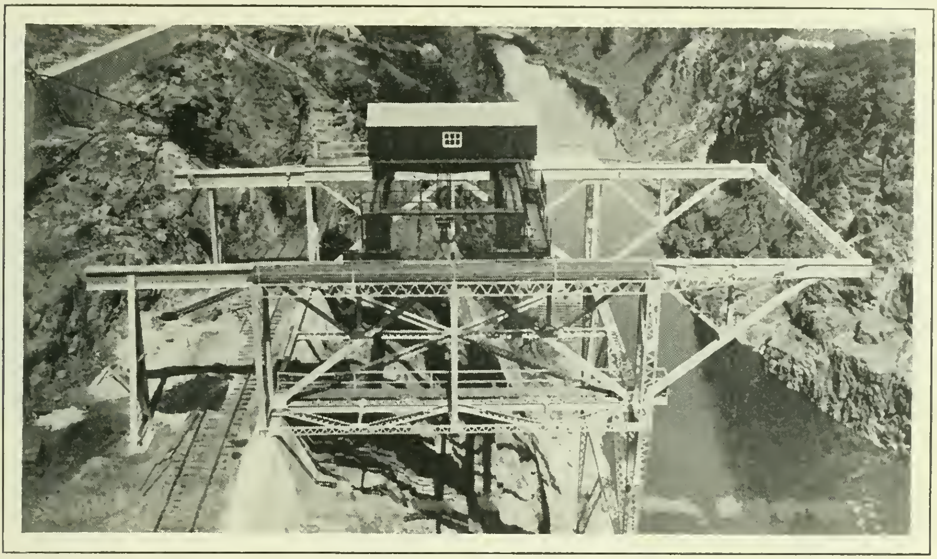
## NORTHERN ONTARIO PROPERTIES

### Sudbury District

Designs and estimates were prepared and detail drawings were begun for the replacement of the main dam and sluices at the McVittie plant. The general layout contemplates using the present dam as a cofferdam during the construction of the new dam, which will be immediately downstream from it.

### Abitibi District

The completion of the installation at the Abitibi Canyon development of the three remaining units, the construction of certain improvements and the finishing of the inside of the power house were authorized in the spring of 1935.



**ABITIBI CANYON DEVELOPMENT—NORTHERN ONTARIO PROPERTIES**
**Unloading crane, on west bank of canyon down-stream side of power house**

The erection of the units and their appurtenant equipment has proceeded satisfactorily, and, while none had been placed in operation by the end of the fiscal year, it is expected that all will be completed by the end of the calendar year or early in 1936.

The improvements authorized include the erection of a deflecting crib in the high water channel, placing of concrete to prevent scour, and the finishing of the interior of the power house; these were not commenced before the end of the fiscal year.

The general scheme of development was described in the Annual Report for 1933, but a brief review of the situation as it has developed since is of interest.

Previous to the closing down of the work in July, 1932, contracts were made for the purchase of all five units and a considerable portion of the equipment had been delivered to the site. The Commission decided to complete the installation of two units immediately and these were placed in service by August, 1933; the delivery and installation of the balance of the units being left in abeyance.

Substantial expenditures by the previous owners had already been made on account of equipment fabricated and delivered but not in use. After protracted negotiations, the Commission, in the spring of 1935, reached a settlement with the companies supplying the equipment, and delivery of the balance was accepted.

Due to actual and prospective growth in the load, it was considered that completion of the installation of the three additional units was economically justified.

IMPROVED TRANSPORTATION
General view of marine railway

## St. Joseph District

The Rat Rapids development at the outlet of lake St. Joseph was completed, and first delivered commercial power in March, 1935. Since then the plant has operated successfully and, with the exception of a few minor interruptions, continuously under full load conditions. The general scheme of the development was described in the last Annual Report.

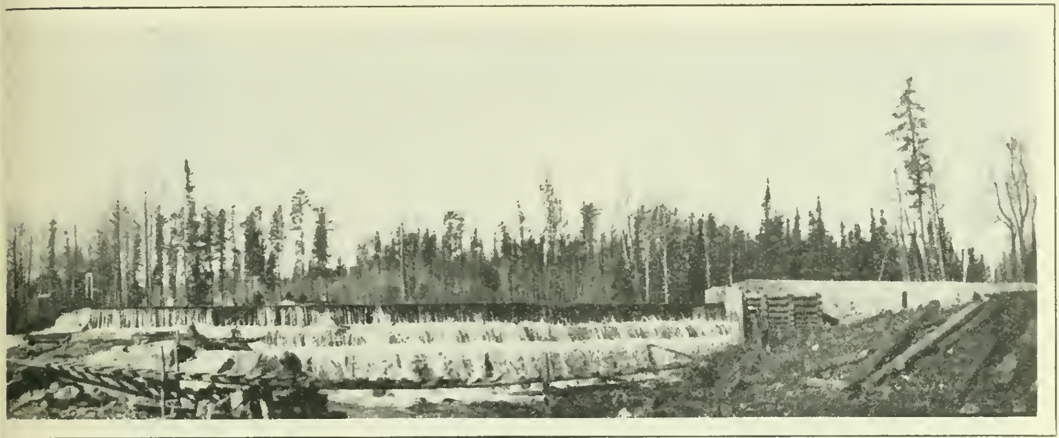
A cut-off dam was completed at the west end of lake St. Joseph during May and June to prevent any chance of leakage from the watershed at this point, and additions were made to the cut-off dams at the Cedars channel.

Owing to the insistent demand for more power in the district, the Commission has been negotiating new contracts with potential users, and has prepared plans for an additional development of 1,600 horsepower at Rat Rapids. A small construction force was placed in the field the latter part of September with a view to the possible completion of the development by the fall of 1936.

## General

The Commission co-operated with the Department of Northern Development by supplying engineering advice in connection with the completion of the Root river transportation route and by supervising construction. These navigation improvements were of great value during the past season to the mining and other interests in the district. The value to the surrounding territory of a transportation scheme such as this is substantial; not only is the cost of moving freight greatly reduced, but it can be done during seasons when previously it was not physically possible to transport freight in quantities.

Engineering assistance was also supplied to the Ontario government in connection with the problem of water supply to the Burwash prison farm.

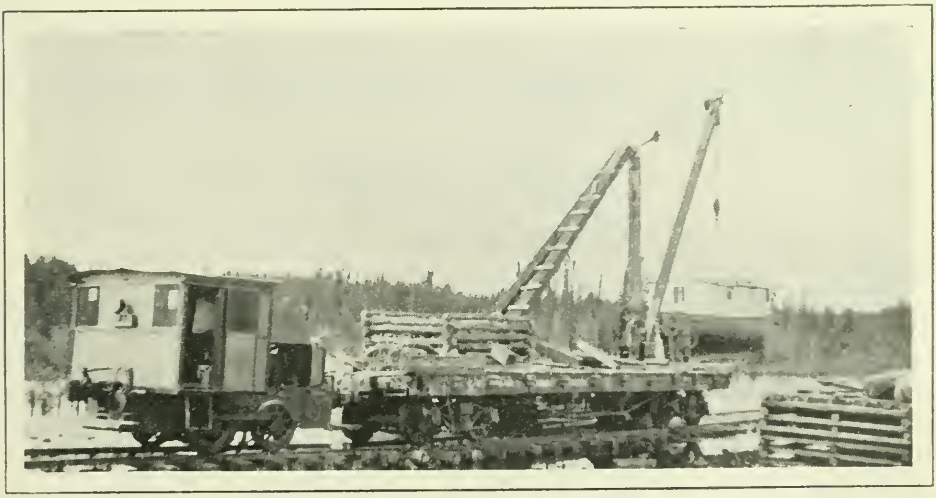


FOR NORTHERN ONTARIO
at Flower Falls, Root River

Advice was tendered the municipality of Thornbury, at its request, with a view to increasing the capacity of the present hydraulic power plant.

An extensive investigation of the possible sources of power supply to the Niagara system was undertaken and completed during the year, and a similar investigation was made with regard to the eastern part of the province.

Routine matters dealt with included: field inspections of various properties, the collection of hydrometric data, inspection of Niagara river diversion records, settlement of damage claims and other land matters, and the supplying of data to outside interested parties.



ROOT RIVER TRANSPORTATION
Terminal at Lake St. Joseph

# SECTION V

## ELECTRICAL ENGINEERING AND CONSTRUCTION
## (STATION SECTION)

Engineering and Construction work has been most active in connection with the Northern Ontario properties. During 1935 authorization was given to complete the Abitibi Canyon development by the installation of three additional 48,500-kv-a generators and associated equipment.

A 1,000-kv-a transformer station was established at Ramore and a temporary station of the same capacity at Timmins. Later in the year permanent 4,500-kv-a stations were under construction at Timmins, Falconbridge and Larder Lake to supply power to various mining companies in Northern Ontario. The generating station at Rat Rapids on the Albany river was placed in service early in the year and is now loaded to capacity. The increasing power demands from the mining companies in the St. Joseph, Patricia and Thunder Bay districts have necessitated consideration being given to increasing the capacities of the generating and transformer stations affected.

At Chats Falls generating station a 45,000-kv-a frequency-changer set was installed to provide 60-cycle power for the Eastern Ontario system.

About 80 miles of transmission lines were built in Northern Ontario and many miles of lines throughout the Niagara and Eastern Ontario systems were rehabilitated. More than 430 miles of rural primary lines were constructed.

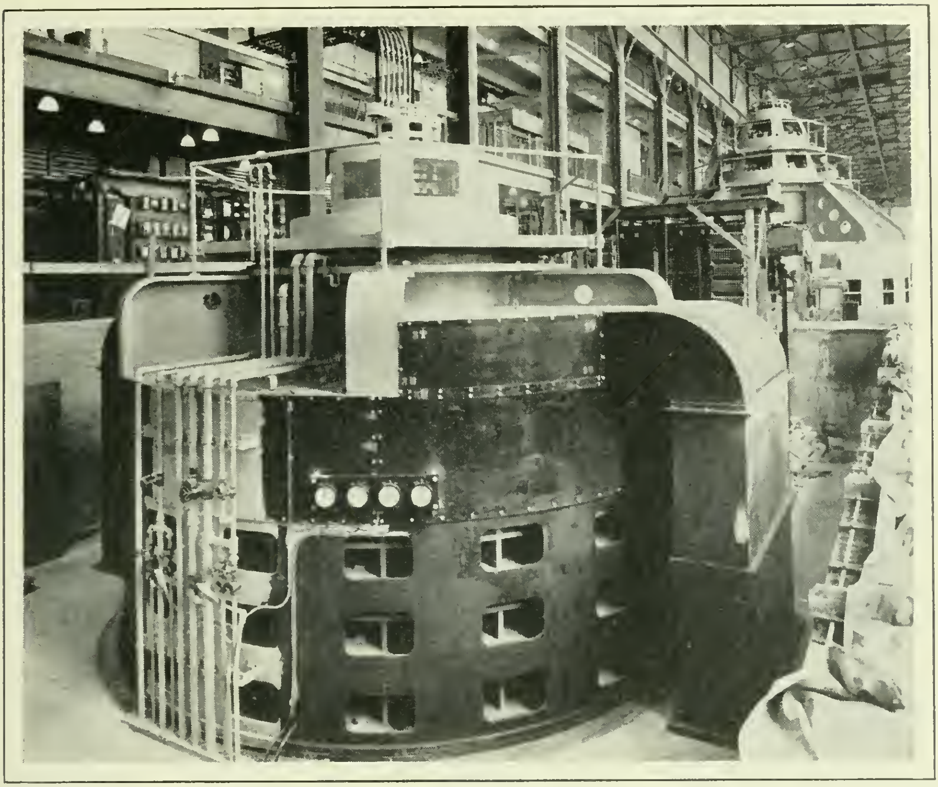
The six-storey extension to the Administration Building at 620 University Avenue, Toronto, was completed for occupation by the Commission's staff on July 2, 1935.

## NIAGARA SYSTEM

### Generating and Step-up Transformer Stations
### Stations on Niagara River

At Queenston transformer station and Niagara transformer station revisions were made to the protective relaying system to co-ordinate with the rearrangement of 110,000-volt transmission lines to Hamilton and Toronto areas. Two banks of three 16,000-kv-a transformers, originally built for Abitibi Canyon development, were delivered to Toronto Power transformer station in preparation for step-up transformation to 110,000 volts at this station.

At Ontario Power transformer station short lengths of 12,000-volt cable were removed and a new terminal structure for lines No. 22 and No. 23 was rebuilt.



CHATS FALLS DEVELOPMENT—OTTAWA RIVER

Frequency-changer set showing 45,000-kv-a., 60-cycle generator under construction

At Toronto Power transformer station the original storage-battery was replaced with a new, 60-cell storage-battery.

### Chats Falls Development

At Chats Falls generating station a 45,000-kv-a frequency-changer set was installed in the Ontario end of the building. This equipment can be used to convert the output of two of the 23,500-kv-a generators to 60 cycles and step up the voltage for transmission at 121,000 volts, to Ottawa and other centres on the Eastern Ontario system.

The frequency-changer is a 45,000-kv-a, 300-r.p.m., synchronous-synchronous machine with both the 60-cycle and 25-cycle units on a common, vertical shaft 32 feet in length. The total weight of the machine is 1,040,000 pounds with $WR^2$ value of 10,960,000 pounds-feet$^2$. The stator is more than 19 feet in diameter.

Both units operate at 13,200 volts and are excited from two 200-kw., direct-current generators on either end of a common, horizontal shaft driven by a 600-horsepower, induction motor.

The step-up transformer is a 13,200/121,000-volt, three-phase, water-cooled, 60-cycle unit with graded insulation on the high-voltage windings for operation with the neutral solidly grounded.

The 13,200-volt, interconnecting bus is metal-clad, in keeping with the original structure in the station, and is arranged with interlocking, motor-operated disconnecting-switches.

The construction work at the site was started on May 15, 1935 and the station was placed in service on October 13.

A contract was awarded for the construction of eight additional permanent houses for the accommodation of the operating staff, who at present are occupying certain temporary houses which were built during the construction period at the station. These new houses will be completed in December.

### Transformer and Distributing Stations

**Niagara District**—At DeCew Falls generating station a 1,500-kv-a, 44,000/2,400-volt, three-phase transformer was installed to ground the high-voltage neutral of the Dominion Power division of the Niagara system. Improved relaying equipment was installed at this station and at Bartonville switching station to give high-speed, selective control of the 44,000-volt feeders. Metering stations at Humberstone, Thorold and Port Weller were dismantled.

**Hamilton and Dundas District**—At Hamilton-Beach transformer station the 110,000-volt, oil circuit-breakers were reinforced and improvements were made to the service equipment.

At Dundas transformer station additional relaying equipment was installed and the service bank of three 10-kv-a transformers was replaced by three 25-kv-a units.

At Burlington Steel Company plant in Hamilton a 13,200-volt underground feeder was installed and connected to one of the Hamilton Hydro-Electric System feeders. The necessary metering equipment was also installed with connections over leased telephone cable, to the Hamilton-Beach and Hamilton-Stirton transformer stations for totalizing the Hamilton load.

Near Port Nelson a 750-kv-a distributing station was erected to supply power to the district at 4,000 volts. The metering equipment is located in a small, galvanized-iron building, while the three 250-kv-a transformers are mounted outdoors on a concrete pad. The station was placed in service on April 3, 1935.

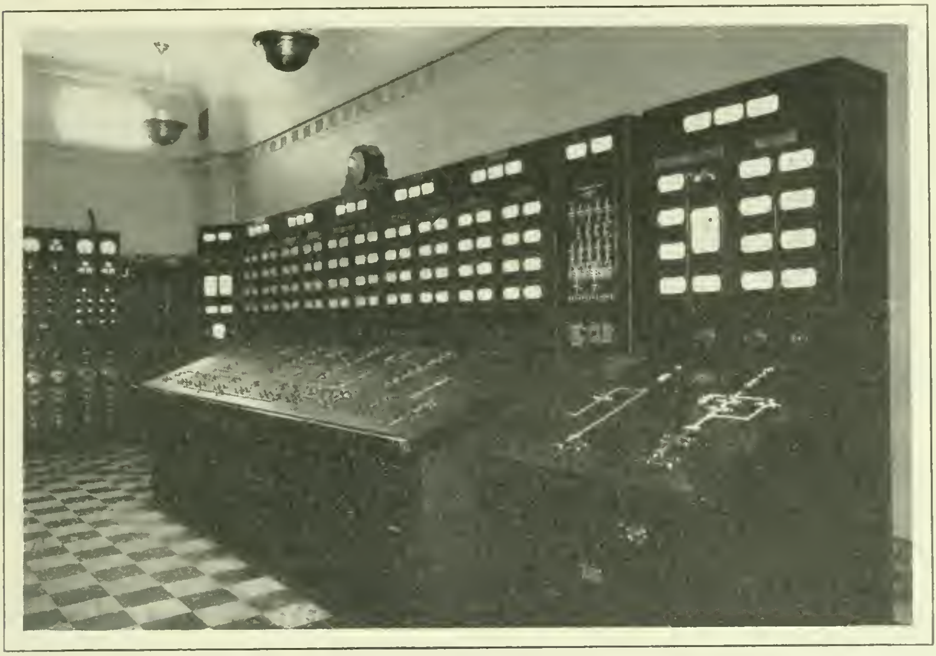
At Oakville and Burlington distributing stations the 44,000-volt disconnecting-switches were replaced by disconnecting-fuses.

At Decewsville distributing station three, 10-kv-a, automatic, voltage-regulators were installed in the 4,000-volt, Cayuga feeder.

At Dundas rural station the graphic wattmeter was replaced by a new instrument.

At Gypsum Lime and Alabastine Company metering station in the Lythmore plant the metering equipment was removed as the power contract had expired.

**Toronto and York District**—At Toronto-Strachan and Toronto-Wiltshire transformer stations revisions were made in the relaying system to adapt it to the re-arrangement of the 110,000-volt lines between Toronto and Niagara. At the latter station a bank of three new 110,000-volt potential-



CHATS FALLS DEVELOPMENT—OTTAWA RIVER

Control board showing in the foreground the section controlling the frequency-changer

transformers was installed. This new bank replaces a single unit which was transferred to Dundas transformer station.

At Toronto-Strachan transformer station potential-indicators were installed on the 110,000-volt lines and busses which may also be used for synchronizing.

At Islington distributing station a second bank of three, new, 500-kv-a transformers was added and placed in service in April, 1935.

At Streetsville distributing station changes were made in the 4,000-volt feeders.

At Stouffville and Mount Joy distributing stations changes were made in the metering equipment; and at the former station and at Pottageville distributing station the original fuses were replaced by an improved type.

An experimental gas-generating station is being installed at Leaside, using electrolytic cells for the production of hydrogen and oxygen. Two 1,500-horsepower induction motors, each on a common shaft with two 500-kw, direct-current generators were obtained from Toronto Hydro-Electric System and a 1,500-kv-a transformer was obtained from system reserve. The motor-generator sets with the necessary switching equipment and electrolytic cells are situated in one building while the gas generating plant is housed in a separate building; both being erected specially for the purpose. The plant should be ready for operation early in December.

**London District**—At Dashwood distributing station the bank of three, 75-kv-a transformers was replaced by three new, 150-kv-a transformers which were placed in service on July 13, 1935. The original bank was transferred to system reserve.

At Strathroy distributing station the bank of three, 75-kv-a transformers was replaced by three, 37½-kv-a units obtained from Malahide distributing station. The 75-kv-a units were used in a new rural station at Aylmer.

Thorndale metering station was rebuilt and the obsolete equipment replaced. Dorchester metering station was moved to a new location.

**Preston District**—At Fergus distributing station the necessary switching equipment was purchased and installed to provide a new feeder to carry the increasing load.

**Stratford District**—At Goderich Elevator and Transit Company station a 250-horsepower induction motor was installed to carry a portion of the company's load. It was arranged so that at certain periods it may be operated as an asynchronous generator.

**St. Thomas District**—At St. Thomas transformer station improvements were made to the operating mechanism on one 110,000-volt, circuit-breaker controlling the line to St. Clair transformer station and automatic reclosing equipment added to it.

The capacity of St. Thomas rural station was increased when a 750-kv-a, three-phase transformer obtained from system reserve, was installed, replacing the original 300-kv-a unit. The original transformer was transferred to system reserve.

Aylmer rural station was erected on the site of Aylmer distributing station to supply the load originally carried by Malahide distributing station which has been dismantled. A bank of three, 75-kv-a transformers was transferred from Strathroy distributing station for this installation. The three 37½-kv-a transformers released from the dismantled station at Malahide were used to replace those removed from Strathroy.

At Port Stanley distributing station air-fans and deflectors were installed to assist in cooling the transformers during the summer season when the load is heavy.

**Brant District**—The capacity of St. Williams distributing station was increased with the installation of a bank of three, 150-kv-a transformers, replacing the original bank of three, 75-kv-a units. The new bank was placed in service on July 29, 1935.

At the request of Simcoe Public Utilities Commission a number of changes were made in the Simcoe municipal station. A new outdoor steel structure was erected and concrete foundations installed for two banks of transformers. The present bank of three, 500-kv-a transformers was moved to the new foundations and a spare transformer and oil circuit-breaker purchased and installed. The work should be completed in December.

## GEORGIAN BAY SYSTEM

**Severn District**—A new single-phase station known as Penetang rural station was installed to supply power to Midland rural power district at 4,600-volts. A 75-kv-a, 2,300/4,600-volt transformer was purchased and the station placed in service on July 16, 1935.

At C.P.R. Port McNicoll distributing station the original 18-volt battery was replaced by a new 24-volt battery and trickle-charger. Changes were also made in some of the switching equipment.

**Eugenia District**—At Eugenia generating station improvements were made to one of the operators' cottages.

At Kilsyth and Elmwood distributing stations, an improved type of fuse was installed in the 4,000-volt feeders and at the latter station the original lightning-arresters were replaced by modern equipment.

**Muskoka District**—At South Falls generating station the lightning-arresters were replaced by new and more suitable equipment.

At Huntsville distributing station changes were made in the metering equipment so that the town load may be metered separately from the Anglo-Canadian Leather Company load.

**Wasdells District**—A new distributing station was built at Port Perry to supply the rural power district at 8,000 volts. A bank of three 100-kv-a, 44,000/2,400-4,800-volt transformers and switching equipment were purchased and installed and the station was placed in service on May 14, 1935. The original distributing station in Port Perry now supplies power for the town load only.

## EASTERN ONTARIO SYSTEM

### 110,000-volt Transformer Stations

At Cornwall transformer station two 110,000-volt disconnecting-switches and additional relaying equipment were installed.

At Ottawa transformer station an additional high-voltage, oil circuit-breaker was installed to permit connections for the supply of 110,000-volt power from Chats Falls frequency-changer station. The high-voltage neutral was grounded at this station and high-speed directional relays were installed on all the lines. Plans were completed for the installation of a second transformer bank in the station.

At Smiths Falls transformer station a bank of three, 1,500-kv-a transformers and necessary switching, metering and relaying equipment were installed to permit connections between the 2,300-volt bus and a 33,000-volt line from the Madawaska district to effect a tie between the Rideau and Madawaska districts. The switchboard was altered to provide proper facilities for metering the power exchange and for synchronizing. The transformers were transferred from Abitibi Canyon development where they were originally used during construction of the generating station.

**Central Ontario District**—At Frankford generating station the relays on the service feeder were replaced and a new 24-volt storage-battery and trickle-charger were installed.

At Hague's Reach (Dam No. 9) generating station the 44,000-volt, oil circuit-breakers in one of the lines, and in the service feeder at both Hague's Reach and Meyersburg (Dam No. 8) generating station were removed for use at Belleville switching station.

At Sidney transformer station one of the 6,600-volt feeders to Frankford generating station was re-equipped and used to supply power to the new airport at Trenton.

At Oshawa distributing station a 500 m.c.m. cable and disconnecting-switches were installed to permit the emergency bus being connected to any of the 4,000-volt feeders at the outdoor pole structure.

Metering equipment was installed immediately outside Lindsay distributing station on the 6,600-volt feeder supplying Lindsay rural power district.

At Napanee distributing station the necessary equipment was installed for a second 4,000-volt feeder to supply power to the town.

On the town limits of Picton a single-phase rural station was installed to step-up the voltage to supply 4,600-volt power to the Northport line of the Wellington rural power district. A 37½-kv-a transformer was obtained from Georgian Bay system reserve and the station placed in service on July 30, 1935.

At Belleville switching station three obsolete 44,000-volt oil circuit-breakers were replaced by three modern units released from Dam No. 8 and Dam No. 9 generating stations. The current-transformers in one line were replaced by larger capacity units.

Metering equipment was installed in the Consolidated Mining and Smelting Company station near Cordova.

**Rideau District**—The original Perth rural station was dismantled and a new station erected to supply power to Perth rural power district. The installation consists of a single-phase 100-kv-a transformer, fuses and metering equipment and was placed in service on July 28, 1935. The 75-kv-a transformer in the original station was transferred to reserve equipment.

At Carleton Place distributing station a 750-kv-a, 3-phase, 33,000/2,300-volt transformer and necessary switching equipment were installed to permit this station being supplied from the new 33,000-volt tie-line between the Madawaska and Rideau districts. This station was previously operated at 26,400-volts. The transformer was obtained from system reserve and placed in service on August 31, 1935.

**Madawaska District**—At Cobden a distributing station was installed to supply 3-phase power to the village at 2,300-volts. Three, 75-kv-a, 6,600/2,300-volt transformers were obtained from system reserve, and the station was placed in service on November 26, 1934.

## THUNDER BAY SYSTEM

### Transformer Stations

At Port Arthur transformer station an automatic voltage-regulator was installed to control the voltage of the battery-charging generator.

At Cameron Falls transformer station, due to the increasing power demand a special fan and ventilating equipment was installed to assist in cooling the 1,200-kv-a bank of transformers and to increase its capacity. The fan was originally part of the overload cooling-system installed on the 15,000-kv-a transformers at Alexander generating station.

At Northern Empire Mines station a third 300-kv-a transformer similar to the two existing units was installed.

## NORTHERN ONTARIO PROPERTIES

### Sudbury District

Two metering equipments were installed at Capreol to measure the power supplied to the town and to the Canadian National Railways. The equipments are located respectively in the Capreol municipal station and the company's transformer station.

### Espanola District

In the Espanola generating station of the Abitibi Power and Paper Company, equipment was installed to meter the 60-cycle power purchased from this company. At McMillan Gold Mines Limited, station equipment was installed to measure the power supplied to this mining company.

### Abitibi District

At Abitibi generating station the installation of the three additional 48,500-kv-a generating units and other electrical apparatus is proceeding and nearing completion with the exception of two banks of transformers which have been transferred to the Niagara system.

Contracts were placed for the construction of permanent buildings to accommodate the operating staff. The requirements are ten houses, a 15-room residence for the unmarried staff, a school, a hospital building and a store. The necessary extensions of the water and sanitary systems and improvements to the site are being made. This accommodation will be completed in December.

At Kirkland Lake transformer station the necessary equipment was installed for a second 13,200-volt feeder to Canada Northern Power Corporation, an oil circuit-breaker is being placed on the low-voltage side of the transformer bank and a spare 9,500-kv-a transformer was installed.

At Ramore a transformer station to supply power at 26,400-volts to Hislop mine of the Hollinger Consolidated Gold Mines Limited, was installed. A 1,000-kv-a, 3-phase transformer was connected to the 110,000-volt lines through a fuse disconnecting-switch. The station was placed in service on March 19, 1935. Equipment was later installed for a second feeder to supply power to Vimy Gold Mines Limited.

At Timmins a 1,000-kv-a temporary transformer station was installed and placed in service on April 21, 1935, to supply power at 26,400 volts to Central Porcupine Gold Mines Limited in Tisdale Township. The transformer is a 1,000-kv-a, 3-phase unit and is connected to the 110,000-volt lines through a fuse disconnecting-switch. Later in the year authorization was given for the erection of a permanent transformer station at Timmins to supply power also to Pamour Porcupine Mines Limited and Paymaster Consolidated Mines Limited.

The station will consist of a bank of three 1,500-kv-a transformers connected through two disconnecting-switches to the double-circuit, 110,000-volt line. There will be two 26,400-volt feeders equipped with oil circuit-breakers. The station will be in service on December 1, and the temporary station dismantled.

Authorization was given for the erection of transformer stations at Falconbridge to supply power to Falconbridge Nickel Mines Limited, and at Larder Lake for the supply of power to Omega Gold Mines Limited. The equipment is similar to that being installed at Timmins permanent transformer station, described in the preceding paragraph, except that there will be only one 26,400-volt feeder. The Falconbridge station will be in service in November and the Larder Lake station in December.

At the Paymaster Consolidated Mines Limited the Commission is constructing three sub-stations for the mining company. Each station will consist of a bank of three 250-kv-a transformers with the necessary 26,400-volt disconnecting-switches and equipment for 575-volt feeders. Metering equipment is being installed at one of the sub-stations to measure the total 26,400-volt power supplied to this customer.

At Pamour Porcupine Mines Limited, 26,400-volt metering equipment is being installed.

At Central Porcupine Mines Limited, metering equipment was installed on the 575-volt side to measure the power supplied from the Timmins transformer station.

At Vimy Gold Mines Limited metering equipment was installed to measure the power supplied to the mining company from Ramore transformer station.

Ramore distributing station is being established at Vimy Gold Mines Limited to supply power to Ramore and Matheson. Four 25-kv-a, 575/4, 600-2,300-volt transformers were purchased for the installation. Three of the transformers will be used to supply three-phase power to Matheson at 8,000-volts, while the other will be used to supply single-phase power to Ramore.

At Hollinger Consolidated Gold Mines Limited at Hislop township the necessary equipment was installed on the 575-volt side of the customer's transformer to meter the power supplied to this company.

Matachewan distributing station was erected on the Young-Davidson property of Hollinger Consolidated Gold Mines Limited to supply 2,300-volt, three-phase power to Matachewan. Three 25-kv-a, 575/2,300-volt transformers were obtained from reserve equipment for this installation and connected to the mining company's 575-volt bus. The station was placed in service on April 11, 1935.

### Patricia District

Estimates were prepared for the installation of a second generating unit at Ear Falls development. Fans were installed on the 750-kv-a transformers to increase their capacity.

At Howey Gold Mines Limited separate metering equipment was installed to meter the power supplied to this company and to Red Lake Gold Shore Mine Limited.

RAT RAPIDS DEVELOPMENT—ALBANY RIVER

Generating station showing log-house type of super-structure

RAT RAPIDS DEVELOPMENT—ALBANY RIVER

Operator's Cottage

At McKenzie Red Lake Gold Mines Limited equipment was installed to meter the power supplied to this customer.

## St. Joseph District

The installation at Rat Rapids development on the Albany river, referred to in last year's Report, was completed and placed in service on March 21, 1935.

At Pickle Crow Gold Mines Limited and Central Patricia Gold Mines Limited stations, equipment was installed to meter the power supplied to the companies and the necessary telephone equipment was installed for the operation of the system.

## ADMINISTRATION BUILDING

The new, six-storey extension to the Administration building, referred to in last year's Report, was occupied on July 2, 1935, and the head-office staff, which has been housed for many years in widely separated buildings, is now consolidated under one roof, at 620 University avenue in Toronto.

The new addition extends northward from the original building and has a frontage of approximately 130 feet on University avenue and 110 feet on Orde street. It is faced on all elevations with Queenston limestone with a polished black granite base on the two street frontages.

The structural frame and floors are generally of reinforced concrete, but the interior columns are of structural steel. Foundation piers extend to shale, about 61 feet below the sidewalk.

The building interior is plainly finished in painted plaster, except for the office ceilings, which are finished in unpainted acoustic plaster, providing moderate sound absorption. Ontario white pine (*pinus strobus*) in painted finish was used for glazed wood partitions and for those items of interior trim not finished in hollow metal.

An underfloor duct system provides floor outlets for telephone, power, and signal wiring convenient to desks and other points of use.

In the original building, necessary changes in partitions were made to permit of corridor interconnection between it and the new addition; and the steam boilers and electrical services in the original building and the new extension have been interconnected.

# SECTION VI

## TRANSMISSION, DISTRIBUTION AND RURAL SYSTEMS

### TRANSMISSION SYSTEMS

In 1935, transmission lines were extended and revised to a greater extent than in 1934.

To serve new mining loads in Northern Ontario approximately 70 miles of line, exclusive of purchases and revisions of existing lines, were constructed. Important additions and revisions were also made in Eastern Ontario due to power supply changes. Elsewhere the volume of work increased but was confined chiefly to rehabilitations and minor extensions made necessary by contingencies.

The following synopsis shows, by systems, the work completed during the year. At the back of the Report is a map of transmission lines and stations. Summary tabulations respecting transmission lines will be found in Appendix II.

### NIAGARA SYSTEM

**High-Voltage Lines**

On the 110,000-volt line between St. Thomas and St. Clair transformer stations the No. 6 copper connection between the sky wire and the pole was replaced by ¼-inch galvanized steel cable. This was done on all grounded structures to decrease the possibility of outages due to the weaker wire.

On the 46,000-volt line between Niagara transformer station and Southworth junction unused steel cross-arms were removed from 108 steel towers.

**26,400-volt Lines**

Between Sebringville junction and Goderich municipal station, rehabilitation of 23.76 miles of wood-pole lines was completed by the addition of storm guys and the replacement of defective insulators and cross arms.

Between Mitchell junction and Mitchell municipal station, 1.27 miles, the two circuits of No. 2 aluminum conductor were removed and replaced by a single-circuit of No. 2 a.c.s-r.*

In Palmerston a short section of new line was constructed to allow removal of the Commission's line from the main street of the town.

A portion of the line between Prince Albert junction and Dominion Sugar Co. junction was rebuilt on account of road widening by the township of Chatham.

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*a.c.s-r—aluminum cable, steel-reinforced.

**Other Lines**

The 12,000-volt line between junction pole 119 and the Republic Carbon Co., 0.83 miles, was removed.

In the vicinity of the American Cyanamid Co. near Niagara Falls, the 12,000-volt insulators were replaced by 26,400-volt units in order to eliminate hazards due to dust.

The 13,200-volt line connection to the Ontario Gypsum Co. at Lythmore was removed.

In the London district reinsulation and revisions of 13,200-volt lines were continued. Between London transformer station and Strathroy municipal station, 30.08 miles of line were rebuilt. The ground wire was removed and the circuits were reinsulated for 26,400-volt operation. A short section was re-routed near London and 5.1 miles of new line built in the vicinity of Lambeth. Between Elginfield junction and Ailsa Craig distributing station, 9.92 miles, similar revision work was completed. Poles were reset and guys added where necessary.

Between Woodstock and London transformer stations five Hydro telephone poles carrying power circuits were replaced by longer poles to accommodate Dorchester attachments.

Between St. Thomas transformer station and Sheddon distributing station, 8.55 miles, and between Sheddon and Dutton distributing stations, 9.82 miles, a general overhaul of the 13,200-volt line was made. The 1/0 aluminum conductor on the former section was replaced by 1/0 copper cable and on the latter by No. 2 copper cable. The configuration of the conductors was altered to pole-top pin construction and all defective insulators were replaced.

Part of the old steel-tower line, formerly belonging to the Toronto Power Company, was utilized as a 12,000-volt supply to Port Nelson. A short connection was made from a new junction on the existing Vinemount feeder and at the Port Nelson end.

A short section of 12,000-volt line between Toronto Power and Ontario Power transformer stations, involving twenty poles, was rebuilt on a more direct route due to extensions to Buchanan street at Niagara Falls.

Preparations were made for a general revision of 12,000-volt lines at Lincoln distributing station and vicinity in St. Catharines. One 4/0 a.c.s-r. circuit was removed from the line on Vine street between Lincoln distributing station and the old Welland canal, half a mile. Poles on this line were lowered and one railway crossing was rebuilt. A 2/0 a.c.s-r. circuit was removed from Vine and Carlton streets between Lincoln distributing station and Thomas street. Two circuits of 173,000-circular-mil aluminum conductor were removed from the old line between the C. N. Ry. crossing and Kinleith tap, 1.12 miles.

Between the Provincial Paper (steam) and Thorold distributing stations half a mile of 12,000-volt line was relocated due to a park development at Thorold.

Circuits in the vicinity of Welland transformer station were re-arranged in order to clear extensions to buildings of the Electro-Metallurgical Company.

In the Brant, St. Clair, Woodstock and Cooksville districts, twenty-seven transmission line crossings of railways and communication companies were reinforced to conform to regulations of the Board of Railway Commissioners of Canada.

### Dominion Power Division

#### 44,000-volt Lines

A section of the single-circuit line between Firestone junction and Beach Road junction was diverted to clear a new building being erected at the Windermere cutoff.

Double sets of 44,000-volt, swivel-type, air-break switches were erected at Port Nelson and Oakville junctions so that the single-circuit taps may be connected to either of the Toronto Power circuits.

#### Other Lines

Between Burlington distributing station and the National Fireproofing Co. junction, seven poles were moved to clear buildings of the Scott Distributing Co. at Aldershot.

Between Victoria station and Longwood switching station, a short section of the 10,000-volt circuit was transferred to new poles erected by the Hamilton Hydro.

## GEORGIAN BAY SYSTEM

### Severn District

Between Bradford junction and Bradford distributing station, 11.03 miles, the existing single-circuit of 5/16-inch steel conductor was replaced by No. 2 a.c.s-r. and defective poles, cross-arms and guys were renewed.

Storm guys were added to ten sections, totalling 53.42 miles of line throughout the Severn district.

Eight railway and telephone line crossings were reinforced in compliance with specifications of the Board of Railway Commissioners of Canada.

### Eugenia District

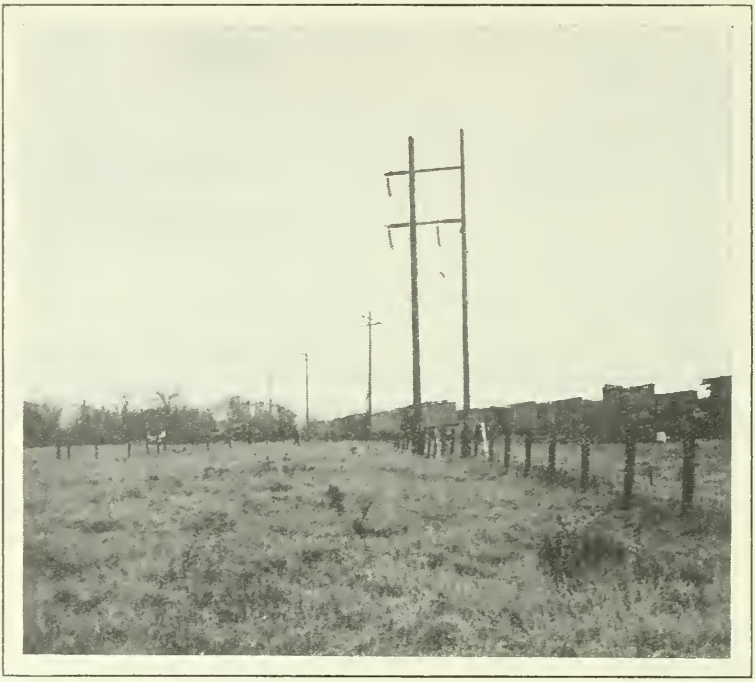
Between Walkerton Quarry junction and Walkerton Quarry station, one-quarter mile, the line was removed due to the cessation of the Company's operations at this place.

## EASTERN ONTARIO SYSTEM

### Interconnecting Lines

Between a newly established junction on the existing 220,000-volt, Cumberland junction to Chats Falls line and Ottawa transformer station, a wood-pole, 110,000-volt line was completed. This line is 3.5 miles long and is "wishbone" construction. Suspension insulators are used with 336,400-circular-mil a.c.s-r. conductors and ¼-inch steel ground cable. In conjunction with that portion of the 220,000-volt line between Chats Falls and the newly established junction point, this line may be used to supply 60-cycle power to the Eastern Ontario districts.

Between Galetta junction, in the Madawaska district, and Smiths Falls distributing station, a total distance of 30.14 miles, a single, 33,000-volt power circuit with a No. 6 a.c.s-r. telephone circuit was established. It will be used as a 60-cycle tie line between the Madawaska district and other districts in the



TRANSMISSION LINES EASTERN ONTARIO SYSTEM

Angle and standard structures on 110,000-volt, 60-cycle line

Eastern Ontario system. A part of this circuit, 5.64 miles long, was added to the existing line between Carleton Place junction and Smiths Falls distributing station; the remainder, 24.5 miles, was new wood-pole construction. The conductor is 3/0 a.c.s-r throughout.

**Central District**

Between Millbrook junction and Millbrook distributing station, 1.71 miles, the No. 6 solid steel power conductor was replaced by ¼-inch steel cable.

At Marmora distributing station connections to the 44,000-volt line supplying power to the Consolidated Mining and Smelting Company were completed.

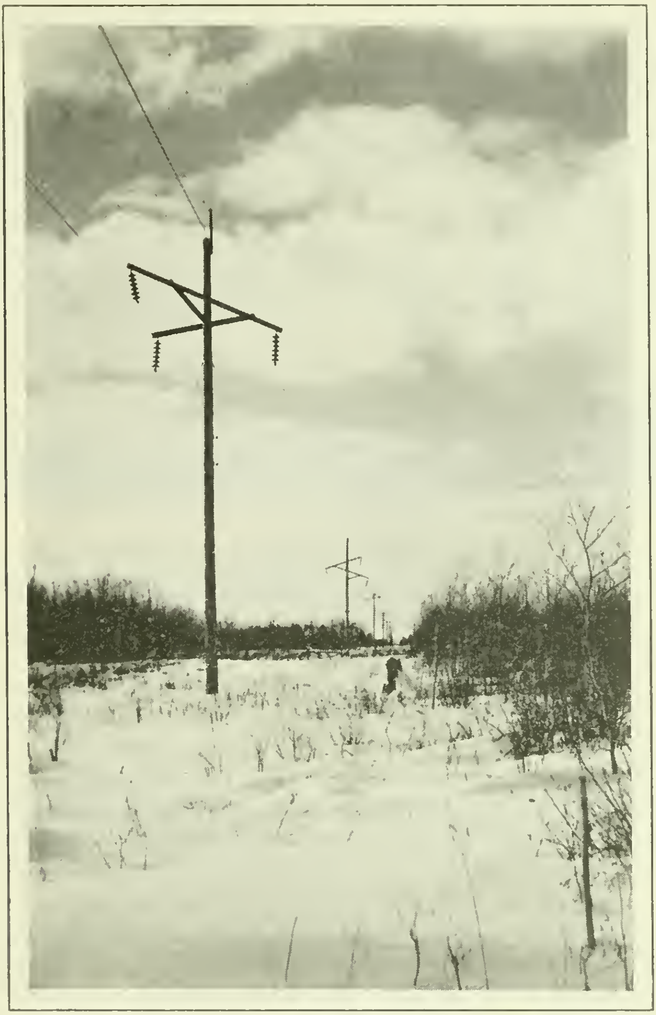
Poles were replaced in the 44,000-volt line between G.B. junction and Belleville switching station to accommodate Belleville rural power district circuits.

Three crossings over a communication company's works were revised and reinforced to meet specifications of the Board of Railway Commissioners of Canada.

**Rideau District**

Between Merrickville generating station and Grenville Crushed Rock Company, 5.94 miles, armour rods were added to the conductors as a protection from damage due to vibration.

On the Merrickville side of Rideau junction, disconnect switches were installed.



TRANSMISSION LINES NORTHERN ONTARIO PROPERTIES

Wish-bone type of construction on 132,000-volt line between Blezard Valley junction and Falconbridge transformer station

St. Lawrence District

Between Eugene Phillips junction and Brockville distributing station, 1.9 miles of a single circuit, 44,000-volt, wood-pole line having 3/0 a.c.s-r. conductors and ¼-inch steel ground cable, were completed.

At Winchester junction, installation of one, 3-phase, 44,000-volt, air-break switch was completed.

## NORTHERN ONTARIO PROPERTIES

Abitibi District—132,000-volt Lines

Work is progressing on needed improvements to purchased steel-tower lines radiating from Hunta junction.

At Hunta junction, revision to circuit entrances was completed by the addition of three steel towers. Three gang-operated switches were erected at Hunta and two at Iroquois Falls.

Between Blezard Valley junction, north of Coppercliff, and Falconbridge transformer station, 16 miles, a single-circuit 4/0 a.c.s-r. (wish-bone type) wood-pole line is nearing completion. This line will have a single telephone circuit of No. 6 a.c.s-r.

Between Abitibi Canyon generating station and Hunta junction, five overnight shacks for patrolmen's use were built.

The insulation of the line superintendent's house at Timmins was completed.

### 26,400-volt Lines

Between Ramore transformer station, approximately ten miles south of Matheson, and the Hollinger Consolidated Gold Mine, 3.5 miles of 26,400-volt, wood-pole line were completed. This line has a single-circuit of No. 4 copper cable and one telephone circuit of No. 9 iron.

A similar line was built between Ramore transformer station and the Vimy Gold Mine, 3.9 miles. The telephone circuit in this case is No. 6 a.c.s-r.

Between Timmins transformer station and the Central Porcupine mine, 2.73 miles, a single-circuit, 26,400-volt line with No. 2 copper conductor and a single No. 6 a.c.s-r. telephone circuit, was completed. This line terminates at the east end of Pearl lake where the Central Porcupine mine takes delivery of power.

Between Timmins transformer station and the Pamour Porcupine mine, a distance of twelve miles, a single-circuit 26,400-volt, 1/0 copper conductor line was constructed. The telephone circuit of No. 9 copper on this line extends from Central Porcupine mine line to the Pamour mine.

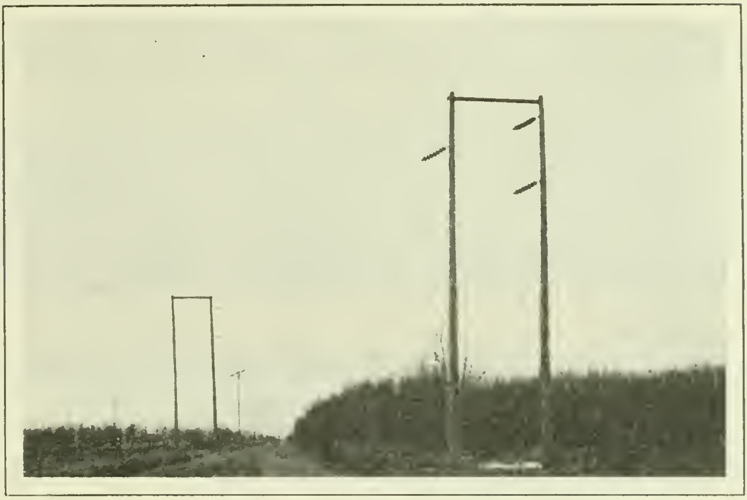
Between Timmins transformer station and the Paymaster Consolidated mine, a 26,400-volt line, 3.77 miles long was completed. The line is the same type of construction as the Pamour Porcupine mine line. The line follows the Central Porcupine mine line and advantage was taken of this by replacing the No. 2 copper circuit by 1/0 copper. This re-arrangement leaves the Central Porcupine mine tapped from the 1/0 copper circuit.

### Sudbury District

A 22,000-volt line, 27.5 miles long, between Coniston generating station and the Treadwell Yukon Mining Company's mine, was purchased from the company, and from the Canadian National Railways a similar line, 14.3 miles, between Sudbury Junction and Capreol, was secured. Sixteen miles of the Treadwell Yukon mine line was removed between Stobie junction and the mine. The material was salvaged and later used in the general overhaul of the Coniston to Capreol line.

### Patricia District

Between Rat Rapids generating station and the Central Patricia and Pickle Crow gold mines, 27 miles, a single-circuit, 22,000-volt, wood-pole line was constructed. The power conductor is No. 3 copper cable and the single-circuit telephone is No. 9 iron.



TRANSMISSION LINES NORTHERN ONTARIO PROPERTIES

Twin-pole angle structure on 132,000-volt line between Blezard Valley junction and Falconbridge transformer station. Line transferred to opposite side of road to avoid bush cutting

### Espanola District

The recently constructed 33,000-volt line between the Abitibi Pulp and Paper Co. generating station and McMillan gold mine, is being incorporated into the Northern Ontario Properties. This line, recently owned by the McMillan Gold Mines, Limited, is a single-circuit, No. 2 copper conductor, wood-pole line, 10.74 miles long.

## TELEPHONE LINES—ALL SYSTEMS

Between Allanburg junction and Dundas transformer station co-ordination of telephone lines was completed by rebuilding 10.2 miles of existing lines so that all circuits are on one separate wood-pole line.

At Burlington Beach the telephone conductors previously on Toronto Power steel-towers were removed and re-erected on separate wood poles.

Some telephone poles between Erbs junction and St. Marys transformer station were replaced by higher poles to accommodate rural circuits and attachments.

Between St. Thomas and Kent transformer stations the double-circuit telephone line was rejointed and retransposed to provide phantom group facilities.

Telephone circuits erected in conjunction with new power lines throughout the systems were co-ordinated and placed in service.

## DISTRIBUTION LINES AND SYSTEMS

In Appendix III is shown, in tabular form, the progress made in the installation of rural lines during the year, and since the inception of the rural power district plan.

There was a gratifying increase in the demand for service in rural areas. On the following pages items of interest concerning construction in some of the rural power districts and other work in connection with distribution feeder lines, distributing systems owned by municipalities and by the Commission, street lighting, etc., are recorded. These installations are made under the supervision of the Distribution section of the Electrical Engineering department.

### Design of Rural Lines

In the design of rural lines during the past few years there has developed, particularly in the United States, a strong tendency towards low costs for initial installations. This, in itself, is praiseworthy, providing the savings in carrying charges on the capital investment are not more than offset by increases in maintenance and operating costs.

Cheap construction which does not ensure a reasonable length of useful life must be loaded with a high rate of depreciation. There are other dangers. The cost of maintenance and operation in rural areas is necessarily higher than in urban districts. It is therefore advisable to reduce to a minimum the cost of maintenance and to eliminate failures in poles, conductors and equipment, due to any cause that can be anticipated.

In Ontario, lines must be built to withstand wind and sleet storms. In winter many miles of line are difficult of access, so that repairs are costly and service interruptions relatively long. The economical design will take into consideration all factors which have a bearing on the cost of supplying satisfactory service to the rural consumer.

In Ontario the native cedar pole is commonly used to carry the conductors and equipment for rural lines. The cost of these supports is a major item in the cost of the completed line, and therefore warrants careful consideration both in the selection of the pole itself and also in the manner of its application in the line. Consideration must be given to the number, size and weight of the conductors to be supported, the nature of the soil in which the pole is set, the length of pole to assure under all conditions of temperature and sleet, ample clearance of the conductors from the ground, and from trees, buildings, foreign lines, etc. There is also involved the exposure to wind and sleet, and the length of span between the supporting poles. It is good practice to provide excess strength of supports in the original construction so that, in spite of the inevitable deterioration which age brings, sufficient strength will remain to withstand the necessary stresses for a long time.

It is evident that if the deterioration of the pole itself can be arrested and the useful life prolonged, a reduction in the excess strength referred to above, is permissible. Poles of lesser strength may be used or the spacing between poles may be increased, and in either case a cheaper line results.

While the preservative treatment of poles is not new, the high cost of the treatment has heretofore been an obstacle to its use. There have been developed, however, processes which are inexpensive and which promise to make the application economical. Advantage will be taken of this as soon as the original experiments show reasonable confirmation of the efficacy of the treatment.

Another phase of the problem is that with longer spans, stronger conductors are required. These may be obtained by increasing the cross section of materials now in common use, but such larger conductors are more costly. The desired requirement is stronger conductors without increased cost. Heretofore copper, aluminum and aluminum with steel core, have been in common use. There are now available various new combinations of copper with steel and aluminum with steel, which give promise of providing the characteristics required. It is expected that the feasibility of their use will be decided at an early date from observation of the several trial installations made.

### Guying for Wood-Pole Lines

Guying is an important feature of wood-pole line construction. When, due to angles in the line or at terminal points, unbalanced strains are imposed on a pole, it is the usual practice to attach a steel cable between the pole and an anchor buried in the ground, to compensate for the lack of balance.

The distribution section of the department has co-operated in the design of a new type of guy which has two outstanding advantages. At no increase in cost over present methods, double strength is obtained, and the taking up of slack, which is inevitable as time passes, is cheaply and readily accomplished.

Several installations have been made satisfactorily and the application of this new equipment should result in a saving in construction and maintenance costs.

### Highway Lighting

To demonstrate the effiicacy of new types of lamps used for street and highway lighting, four sodium-vapor units were installed on King's Highway No. 8, near Stoney Creek, and one mercury-vapor unit at the intersection of University avenue and College streets in Toronto.

### Moving of Poles

The relocation of pole lines continues due to road improvements on township, county and provincial highways.

### Engineering for Municipalities

The Commission is frequently requested to advise municipalities regarding problems of distribution. In some cases estimates and plans are prepared and materials and equipment purchased and installed under the supervision of the distribution section of the department.

### Joint Use of Poles with "Foreign" Companies

This subject has been studied to ensure satisfactory arrangements where for any reason it may be advisable to permit this type of construction. In addition to the cases of joint use with other companies effected by the Commission, many of the municipalities have already arranged for or are contemplating, joint use. The Commission's staff is able to give advice in this matter to the municipalities.

## CONSTRUCTION WORK

The following pages contain brief references to the principal construction work carried on for the several systems in connection with rural lines, distribution feeders and municipal distribution systems.

## NIAGARA SYSTEM

### Rural Line Construction

**Beamsville R.P.D.**—N44D3—A number of primary extensions were constructed during the year. A new line was constructed to serve the plant of the Clinton township rock crusher, which had been moved to a new site. Estimates were submitted to change the existing 66 2/3-cycle rural lines and equipment to 25 cycles.

**Dundas R.P.D.**—N2D1—Estimates on the cost of incorporating the existing 66 2/3-cycle lines and equipment into the 25-cycle system were submitted.

**Brant R.P.D.**—N12D1—Construction of a line to serve Onondaga was commenced. The line may later be extended to serve the Indian settlement of Ohsweken. The voltage of the circuit now under construction will be 4,000/2,300, with provision for an increase to 8,000/4,600 volts.

**Clinton R.P.D.**—N8D11—Four additional street lights were installed in Bayfield.

**London R.P.D.**—N4D2—Due to the re-routing of 13,200-volt lines west from London, the poles of which carried rural circuits also, considerable changes were made to the rural circuits. In a number of sections the poles that support rural circuits only, have been incorporated in the rural system.

**Lucan R.P.D.**—N4D5—For the first time in a number of years there has been unusual activity in this district. Approximately ten miles of new line were constructed south from Granton and west to Poplar Hill.

**Lynden R.P.D.**—N2D2—Additional lines were built to serve new consumers and also to serve, from Lynden, some consumers in this district who were formerly supplied from lines connected to the Dundas R.P.D. system.

**Markham R.P.D.**—N3D1—This district continues to be active and many short extensions were made. The line between Agincourt and Unionville, installed in 1922, was rehabilitated.

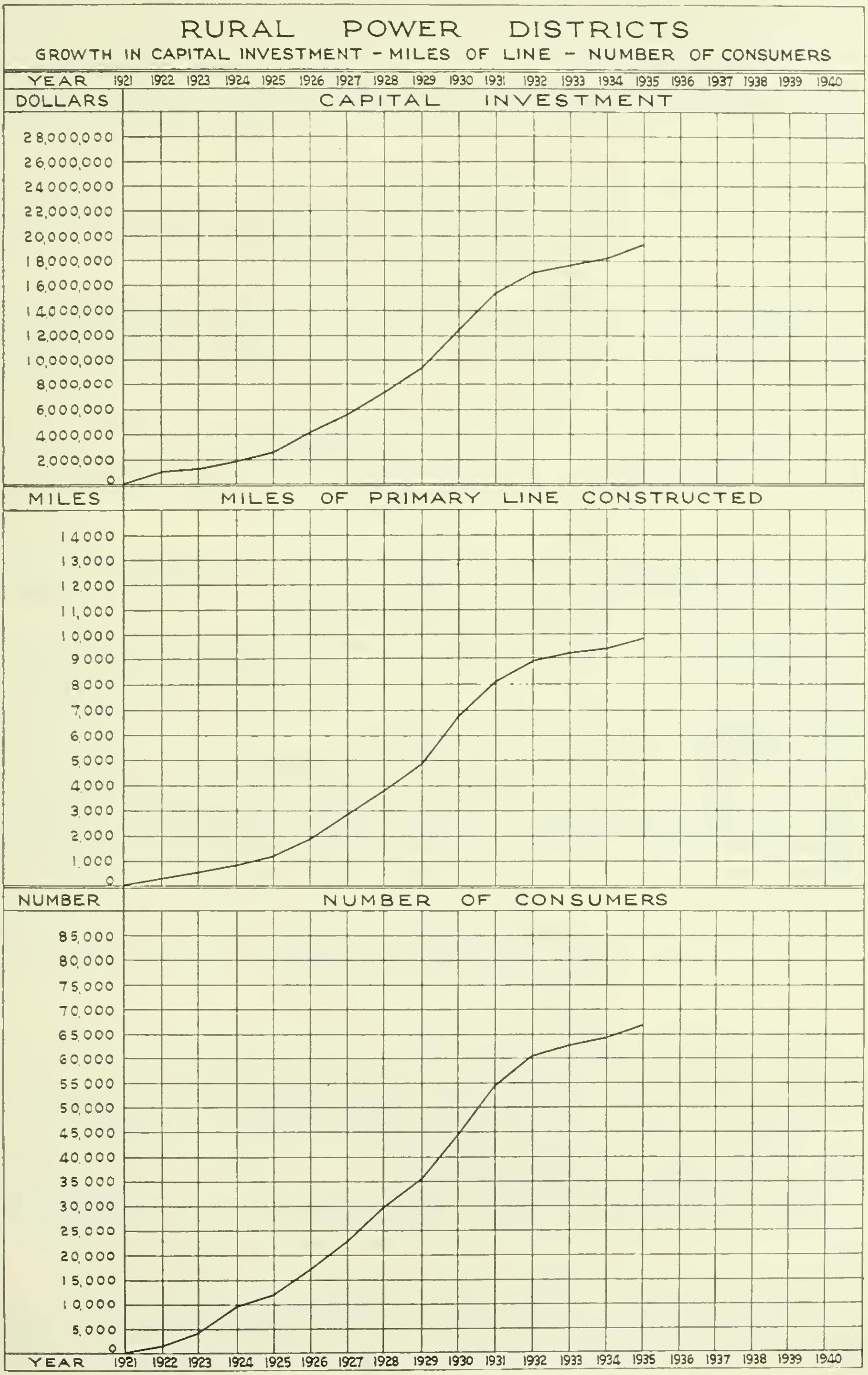
**St. Jacobs R.P.D.**—N7D2—Estimates were submitted covering improvement in service to Linwood, St. Clements and Heidelberg.

**Saltfleet R.P.D.**—N17D1—Very little construction of new primary lines was required but a large number of new consumers were connected to existing lines. Road widening of Barton street from Stoney Creek to Winona involved major changes in the transmission lines. Preliminary plans were made for converting the 66 2/3-cycle system to 25 cycles.

**Simcoe R.P.D.**—N12D6—A new neutral of No. 2 steel-reinforced aluminum was erected between Simcoe and Port Dover for the 4,000/2,300-volt rural circuit. This replaced the 3 No. 13 galvanized steel wire neutral, erected in 1921, which had been causing interruptions due to failure from rust.

**Tavistock R.P.D.**—N8D1—Damage by sleet necessitated the replacement of conductors on the line between Tavistock and Shakespeare.

**Tilbury R.P.D.**—N14D14—Work was commenced on 15½ miles of new line of which 13 1/3 miles were completed by the end of October. To improve


RURAL POWER DISTRICTS
GROWTH IN CAPITAL INVESTMENT - MILES OF LINE - NUMBER OF CONSUMERS
YEAR
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930
1931
1932
1933
1934
1935
1936
1937
1938
1939
1940
DOLLARS
CAPITAL INVESTMENT
28,000,000
26,000,000
24,000,000
22,000,000
20,000,000
18,000,000
16,000,000
14,000,000
12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
MILES
MILES OF PRIMARY LINE CONSTRUCTED
14000
13,000
12,000
11,000
10,000
9000
8000
7,000
6,000
5,000
4000
3,000
2,000
1,000
0
NUMBER
NUMBER OF CONSUMERS
85,000
80,000
75,000
70,000
65,000
60,000
55000
50,000
45,000
40,000
35000
30,000
25,000
20,000
15,000
10,000
5,000
0
YEAR

service in the south and west sections of the district, 1¾ miles of conductor were added to an existing line.

**Wallaceburg R.P.D.—N14D13**—In addition to the construction of 12 miles of pole lines to serve new consumers, service was improved on Forhan street, at the west limits of Wallaceburg by the installation of larger secondary conductors.

**Walsingham R.P.D.—N12D7**—Unusual activity in this district is evidenced by the addition of 27½ miles of new line during the year. The increased load necessitated a change in the distribution voltage from 4,000/-2,300 to 8,000/4,600 and this will be made at an early date.

**Welland R.P.D.—N1D5**—A section of high-voltage transmission line between Welland South and the hamlet of Dain City, being no longer required for its original purpose, was taken over for incorporation into the rural system where it could be used to advantage.

**Woodstock R.P.D.—N10D2**—Secondary circuits in heavily loaded areas adjacent to Woodstock were rearranged to improve service.

### Distribution Feeder Construction

Under this classification are included a number of lines, carrying circuits with voltage suitable for local distribution, by which the Commission supplies power to certain municipalities and other customers.

**Delaware D.S. to Mount Brydges—N432x4**—The neutral conductors of this 4,000/2,300-volt circuit was the sky wire of the 13,200-volt circuit supported on the same poles. As the sky wire was removed, it was necessary to install another conductor for the neutral.

**St. Williams D.S. to Port Rowan—N1253x22**—Due to the large increase in rural services in the Walsingham rural power district, it is proposed to change the voltage of this feeder from 4,000 to 8,000. Preliminary arrangements are completed and the change will probably be made before the end of the calendar year.

## GEORGIAN BAY SYSTEM

### Rural Line Construction

**Innisfil R.P.D.—S31D1**—To improve voltage regulation, impaired by new extensions and increased loads on existing lines, a three-phase bank of automatic step-boosters was installed near the village of Lefroy. The capacity of the bank is 72 kv-a and the voltage rating of the circuit 8,000/4,600.

**Midland R.P.D.—S1D1**—Approximately 15 miles of single-phase, 4,600-volt line were added during the year.

**Owen Sound R.P.D.—E2D1**—Approximately 8 miles of single-phase, 2,300-volt line were constructed to serve the farming section in the vicinity of Hoath Head.

**Port Perry R.P.D.—W12D1**—Up to 1935 this system was fed from the Port Perry municipal system at 4,000 volts. Due to increased load it was decided to install a separate substation to serve the rural load only and to change the distribution voltage to 8,000/4,600. This entailed changing connections on 90 transformers and replacing their protective equipment with arresters and switches suitable for the higher voltage. It was also necessary to install a neutral conductor for 8¼ miles and to install 1.2 miles of 3-phase No. 2 copper circuit to connect to the new station. All work was completed and placed in service on May 14, 1935.

## EASTERN ONTARIO SYSTEM

### Rural Line Construction

**Bowmanville R.P.D.—C23D1**—Extensions totalling 5.06 miles were built during the year including one of 3.23 miles to supply nine consumers in the vicinity of Soper Creek.

**Cobourg R.P.D.—C13D1**—Approximately 8.63 miles of line were constructed to supply 22 consumers.

**Fenelon Falls R.P.D.—C30D1**—The line on the north shore of Sturgeon lake was extended 2½ miles and 5.03 miles were built to supply the village of Cambray.

**Kingston R.P.D.—C44D1**—Approximately 14.9 miles of line were built to supply 39 consumers in the villages of Inverary and Battersea.

**Oshawa R.P.D.—C24D1**—Extensions totalling 12 miles, including one of 5.5 miles to supply a group of summer consumers at Squires Beach, were constructed during the year.

**Renfrew R.P.D.—QM16D1**—Construction of 21.7 miles of line to serve consumers in the hamlets of Beachburg, Forrester's Falls, Westmeath and vicinity, was started in October, 1935.

**Smiths Falls R.P.D.—H3D1**—Fifteen miles of line were constructed to serve the hamlets of Toledo, Frankville, Plum Hollow and neighboring areas.

**Wellington R.P.D.—C45D1**—Approximately 19.9 miles of rural line were extended north from Picton during the year to supply 46 consumers at Northport, Green Point and in the intervening area. This line is supplied from the Picton distribution system at Picton town limits where the voltage is stepped up to 4,600 from 2,300 volts.

### Distribution Feeder Construction

**Renfrew D.S. to Cobden D.S.—QM16x1633**—The line to supply the village of Cobden was completed early in the year as a three-phase, 6,600-volt, ungrounded line. The increased demand on this line, due chiefly to rural extension in the Renfrew R.P.D., has necessitated an increase in voltage. Arrangements have, therefore, been made to string a neutral wire and convert this line to 11,400/6,600 volt, grounded construction.

**Sidney Terminal Station to Trenton Air Station—C3x303**—This new line, 4.3 miles in length, at 6,600 volts, 3-phase, was constructed and ready for service on August 14, 1935. The customer had been receiving power from the lines of the Trenton rural power district 4,000/2,300-volt circuit.

### Municipal Distributing Systems

**Renfrew**—A survey of the distribution system of the town of Renfrew was made on request of the power committee of this municipality. Unusual conditions were found due to the amalgamation of three private power companies whose interests in generating and distribution plant were purchased by the municipality. A plan to re-construct the entire distribution system to improve operating conditions is being prepared.

## NORTHERN ONTARIO PROPERTIES

### Distribution Feeder Construction

**Ramore D.S. to Ramore—FA1833x3**—The construction of this single-phase 4,600-volt line, approximately 5 miles in length, was commenced on October 23, 1935.

**Ramore D.S. to Matheson—FA1833x4**—This is a 3-phase, 8,000/4,600-volt circuit, approximately 7 miles in length. Construction was commenced on October 15, 1935.

**Sudbury to Sudbury Star Broadcasting Stn.—FS501x4**—To serve the broadcasting station of the Sudbury Star, three miles of 4,000-volt circuit were strung on poles of the Commission's 22,000-volt line, and connected to a circuit of the Sudbury municipal system. This new circuit is the property of the Sudbury Star Publishers Limited.

### Municipal Distribution Systems

**Burwash Industrial Farm**—On request of the Provincial Department of Public Works the distribution system on the property of the Burwash Industrial Farm, including 13 miles of 4,000/2,300-volt line was rebuilt to operate at 8,000/4,600 volts. The poles of the main line were tested, replaced where necessary, and extended one mile to supply three-phase power and lighting to a new pumping installation on the Wanapitei river. Branch lines were changed to operate at the new voltage. In this work all ground labor, cartage, etc. was supplied by the Burwash Industrial Farm.

**Kirkland Lake**—At the request of the township an inventory and valuation were made of the distribution system at Kirkland Lake, township of Teck, Abitibi district. This system is owned by the Northern Canada Power Corporation.

**Matachewan—FA1703**—A distribution system was constructed to supply approximately 70 consumers in the Matachewan town site from a station at the Young-Davidson mine.

**Matheson—FA1804**—A distribution system to serve approximately 100 consumers, and a street lighting system in the village of Matheson were commenced on October 23, in the village of Matheson.

**Ramore—FA1803**—A distribution system to serve approximately 50 consumers, and a street lighting system in the village of Ramore were commenced on October 30.

**Timmins**—An appraisal was made of the town distribution system, owned by the Northern Canada Power Corporation.

# SECTION VII

## TESTING—RESEARCH—INSPECTION

The Testing and Inspection department is composed of three main divisions:—the Testing and Research laboratories, the Approvals laboratory and the Electrical Inspection division.

The Testing and Research laboratories comprise the Electrical laboratory, Structural Materials laboratory, Chemical laboratory, Photometric laboratory and the Photographic and Blueprint branches. Their functions include testing, inspection and research in so far as these special services are required by the Commission, the Hydro municipalities and their customers. The Approvals laboratory must test and inspect electrical appliances and devices manufactured for sale or use in Ontario to insure the elimination of equipment hazardous to human life or to property. The Electrical Inspection division is responsible for the administration of the Commission's rules governing electrical installations. The work of this section is province wide and consists mainly in the inspection of wiring installations.

The Commission makes extensive use of its Laboratories and Research Department in studying problems of pressing importance. The purpose of these studies is, for the most part, to acquire technical and scientific information which may be applied to effect economies in construction work, to reduce maintenance costs, or to secure additional power loads. New methods and materials are continually being investigated and improvements in methods of construction and operation are suggested. These investigations have also resulted in the development of new types of equipment for the Commission's own use. A research programme is being followed in which the Laboratory co-operates with other departments in order that all available knowledge of the staff may be made use of in the solution of any problem.

During the year encouraging progress was made in alleviating the effects of vibration of transmission line conductors, a prolific source of trouble in the operation of power lines; a systematic study was made of wooden transmission structures and methods of preserving them from decay, which it is hoped will increase the life of these structures and thereby reduce maintenance costs; continuous inspection of concrete structures yielded information which is being applied to lengthen the life of these structures and to assist the Engineering department to improve its methods of design, while the study of the possibilities of electric soil heating has added to the Commission's rural loads.

In addition to this special work, the testing and inspection of all material and equipment purchased is a routine activity of the laboratory and assures, as far as possible, that the Commission obtains the best available quality in its plants and structures.

## TESTING AND RESEARCH LABORATORIES

### Statistical and Routine Work

During the year, 84,211 tests were made in the laboratory. This represents an increase of approximately 23 per cent over last year and includes the testing of material purchased under specification, tests for Hydro municipalities and outside organizations, as well as tests required in laboratory investigations.

### Materials and Equipment Inspection

Owing to the construction of the new Administration building, extensions to the Abitibi and Chats Falls developments, and to detailed inspection of materials required for new rural lines and transformer stations, much inspection work was required throughout the year.

#### Transmission Line Materials

The practice of regularly inspecting material required in transmission line construction was continued. The total value of material inspected exceeded last year's figures by approximately twenty per cent. In addition, shop inspection was made of porcelain insulators valued at $85,000 and copper wire and galvanized steel cable amounting to 505 tons.

#### Structural and Tower Steel

One hundred and twenty-five tons of structural steel required for the Chats Falls frequency changer and 162 tons of galvanized steel for various station structures were inspected.

#### Equipment

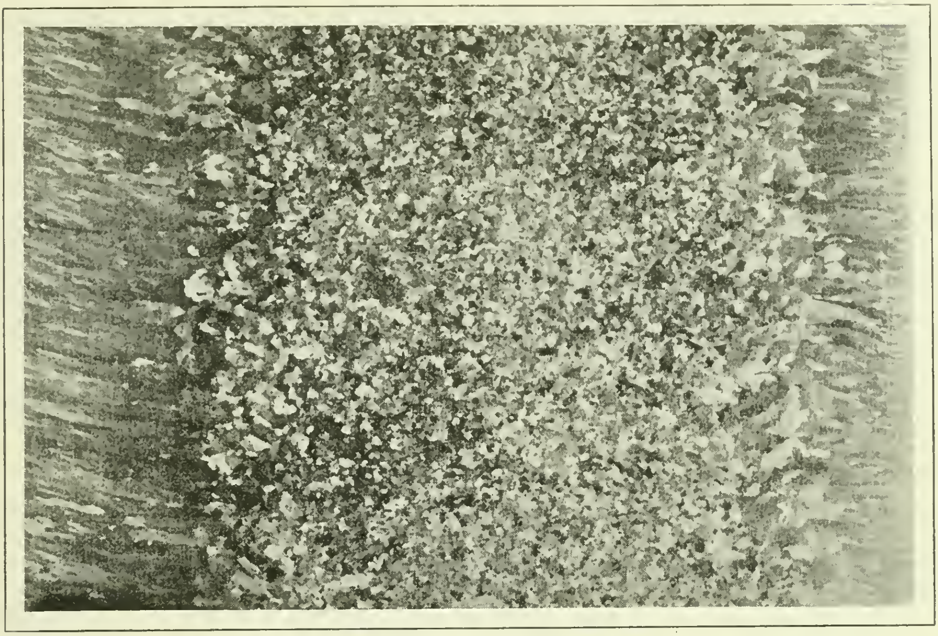
The major items of electrical equipment inspected were 45 power transformers and 333 distribution transformers of total capacity 122,271 kv-a, 11 oil-circuit breakers of total capacity 346,200 kv-a, 32 disconnecting switches, and three motor-generator sets having an aggregate rating of 1,040 kw. Included in the inspection of power-house equipment were three 48,500 kv-a generators, one 45,000 kv-a frequency changer and miscellaneous smaller items. Most of the above equipment was required for construction at Chats Falls and Abitibi Canyon.

The inspection of equipment for the Beauharnois Light Heat and Power Company was completed. This inspection work included two 53,000-h.p. hydraulic turbines, two 43,822 kv-a electric generators, two motor-generator sets, two transformers and several circuit breakers.

Special attention was directed to the inspection of welding for the synchronous condensers at Leaside, the steam mains in the new Administration building and the frequency changer at Chats Falls.

#### Administration Building

The inspection of materials and workmanship involved in the Administration building construction was maintained until the structure was completed. Inspection was made of 357 tons of reinforcing steel, 21,000 cubic feet of stone, two tanks and the lining and doors of the securities vault.



INTERNAL STRUCTURE OF AN ALUMINUM INGOT

Three-quarters actual size Structural Materials Laboratory.

### Concrete

The inspection of concrete for the Chats Falls frequency changer and the new Administration building were the major items of work under this heading. In each case, a member of the staff was stationed at the job as resident inspector.

Examination of the Commission's existing concrete structures for the purpose of detecting deterioration was continued. Inspections were made of the main dam at Eugenia, the repairs to the power house of the Ontario Power Company, generating stations at Sidney, Frankford, Ranney Falls, Seymour, Auburn and High Falls, the Queenston power house, the intake at Chippawa and thirteen bridges crossing the power canal.

## Research

Research work at the laboratories is governed almost entirely by the needs of the Commission, whether they involve the investigation of new methods and materials, studies leading to improvements in methods or materials now in use, the answer to problems arising from troubles experienced in operation, or the investigation of specific problems whose solutions are of importance in various phases of the Commission's activities.

### New Methods and Materials

New methods and materials are constantly being investigated to determine if they have sufficient merit to justify their use. Typical examples investigated during the year include:—various types of transmission line equipment, thermostats for soil heating, lighting devices, concrete waterproofing compounds, linemen's safety belts, electro-plated zinc coatings for steel wire, aluminum protective coatings for metal surfaces and water-softening devices for preventing boiler scale.

### Investigation of Troubles

Problems of this nature investigated during the year are as follows:

Examination of a copper conductor to determine the reason for failure in service; examination of stator brace bolts from Leaside to determine the cause of undercutting; an investigation of the Abitibi domestic water supply to determine its quality; the investigation of rapid corrosion in cooling pipes at Kirkland Lake; an examination of Leaside cooling pond to determine the cause of excessive algae growth; a study to determine factors responsible for a large increase in core loss of a transformer from Cornwall.

In each case a report was prepared outlining the conditions found to be responsible for the trouble and remedial measures for overcoming it.

### Investigations Leading to Improvement in Methods or Materials

To a large extent, problems under this heading are initiated by the lack of satisfactory methods or materials available for some specific purpose. Typical examples of this type of research conducted during the year, are as follows:

Comparative tests to determine the merits of various types of service knobs and wire joints. Forty-eight tests were made.

A search for suitable materials and a procedure for laying acid-resisting mastic floors in the cold state. A complete report was prepared.

An investigation of materials for treating galvanized iron prior to painting.

An analysis of the stresses occurring in wood poles below the ground line.

Tests on integral boiler compounds for steam-heating systems.

The development of a safety fuse for electric-water-heating thermostats. (This device is now required in every new thermostat used for the Commission's domestic water heaters.)

An investigation to determine the corrosive effect of chemical weed destroyers on buried conduit. No satisfactory material has yet been found, but the problem is being studied further.

Metallurgical examinations of numerous samples of weld metal to amplify our knowledge of the crystal structure produced by various processes.

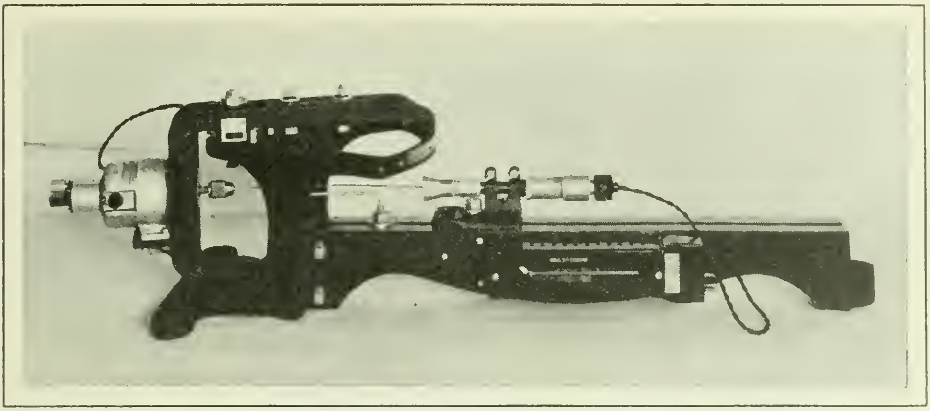
Further development of a method for recharging lightning arresters.

Further work on the development of a high potential indicator. The merits of this device have been definitely established.

Considerable study from the safety hazard point of view was given the problem of electric thawing of frozen water mains.

### Treatment of Wood Poles

The study of the preservative treatment of wood poles was continued, extensive tests being made to determine the merits of new treatments and methods of application. A number of stub poles to be planted at Barrie, were treated in the laboratory by various processes, and some study was given to a new method proposed for treating green poles at the time and place they are cut.



FATIGUE TESTING MACHINE FOR WIRE

Used to determine the fatigue limit of conductor materials

The annual inspection of experimental beds at Barrie and Leaside was made, and in addition, more than 500 poles in service were examined to determine the rate of decay and the effect of preservatives.

### Paint

Paint investigations were of the same general character as those conducted in the past. These investigations included tests to determine the most suitable enamels and finishes for exterior equipment, the search for a paint suitable for both plastered and metal surfaces and tests to determine the quality of the cheaper grades of roof dressing.

The usual routine work of checking the quality of paints regularly used by the Commission was continued, and an inspection was made of under-water test panels at Niagara Falls.

### Oil

The development of a satisfactory method of reconditioning deteriorated transformer oil has received much attention in recent years. This year, the investigation was advanced to the stage where definite recommendations as to methods and equipment were made for field installations.

Another current oil research is an investigation to determine the rate at which insulating oils absorb oxygen. This study is being made in an endeavour to improve upon existing test methods. Motor vehicle and generator lubricants have also been studied.

### Concrete

A major concrete investigation was conducted to study small test specimens to determine their usefulness as a strength indicator for materials and proportions proposed for minor construction projects. The development of a test of this nature was dictated by the high cost of transporting samples of test materials from remote power sites. The tests in this investigation have been completed, but the results have not been analyzed.

RESEARCH ON VIBRATION OF LINE CONDUCTORS
Test span and observation platform at Port Credit

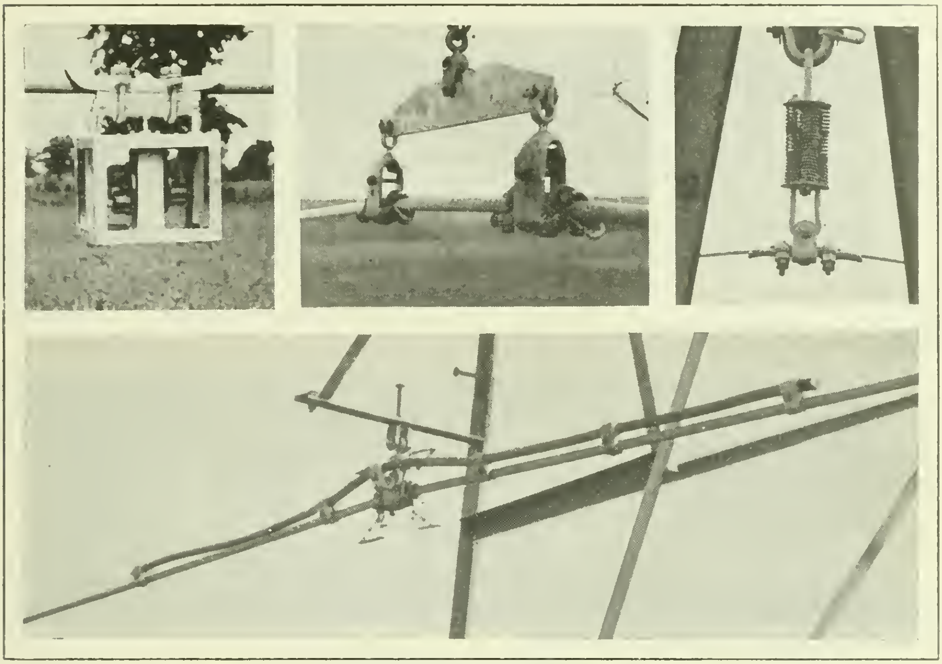
Numerous investigations respecting concrete were made to determine proportioning data for current construction operations at Chats Falls, Abitibi Canyon, Cameron Falls dam, the new Administration building, station structures at Southampton, Simcoe, Ottawa, Falconbridge, Timmins, Larder Lake, and Kirkland Lake, and the Experimental station at Leaside. Several investigations were also made for outside organizations, and assistance was given a Hydro municipality in the selection of a design for concrete street poles.

Additional study was given to the durability of concrete and to proposed methods of determining the constituents of fresh concrete.

The policy of regularly inspecting the various Commission plants has provided much valuable data on the deterioration and repair of concrete, but, in addition, the practice has been followed of studying other structures whose conditions offered opportunity to add to our knowledge of these subjects. During the year, about twenty such inspections were made, mainly of structures already visited in past years.

### Vibration of Transmission Line Conductors

The study of conductor breakages due to vibrations caused by the wind has advanced appreciably during the year. Extensive field tests were made,



TYPICAL DEVICES TESTED FOR THEIR ABILITY TO REDUCE TRANSMISSION LINE VIBRATIONS

Upper Row:
Centre: Whiffle tree suspension.
Left: Oscillating mechanical device. Right: Spring suspension.
Lower: Festoon damper.

and several devices proposed for damping or eliminating vibration were tested to determine quantitatively what might be expected of them under operating conditions.

A laboratory investigation was made to determine the vibration characteristics of various types of dead-end clamps and connections. This study revealed several features of value. The study of fatigue properties of wire was confined to microscopic examinations of aluminum to determine what effect crystal structure, defects, impurities and manufacturing processes might have on the finished wire. This investigation will be continued.

### Radio Interference

Special tests were made to determine the characteristics of materials causing radio interference, and assistance was given the Department of Marine, in locating sources of interference on the Commission's systems.

### Communication

Problems of this nature arise through the necessity of maintaining constant communication between the Commission's power stations. During the year, attention was given to the control of frequency by use of crystals for short wave radio transmitters and to inductive interference between power and communication systems.

### Off-Peak Power Studies

During the year consideration was given by the Commission to proposals regarding uses for off-peak power, and it was decided to investigate the electrolytic production of oxygen and hydrogen, its applications in industry and its possibilities as a means of increasing both Commission and municipal off-peak load. An experimental plant is being built at Leaside which will be in operation about December 1, 1935.

### Miscellaneous Research

Analyses were made of the cause of system interruptions and of the operating stability of power networks, and some study was given to a proposed scheme of residential heating using the system of the reversed refrigeration cycle.

Members of the staff have taken active part in committee work in respect to subjects of particular interest to the Commission. Co-operation was given many of the engineering and standards associations, and several technical papers were presented during the year.

## Miscellaneous

### New Equipment

Equipment purchased during the year consisted of a wire fatigue testing machine for determining the endurance limits of conductor materials, and a set of screens for concrete tests.

Equipment designed and constructed included an abrasion machine for testing conductor coverings, a dielectric testing board for insulated wire and cable, and a small device for removing the impregnating compound from wire wrappings.

### Purchase Specifications

A revised specification for copper wire and cable was drafted in co-operation with the Engineering department and the purchase specification for wood was reviewed.

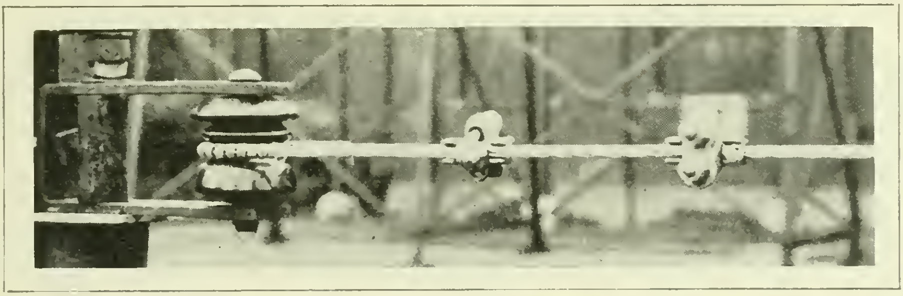
The laboratories collaborated with the American Concrete Institute in revising the 1928 Rules and Regulations for Concrete and Reinforced Concrete and with the Canadian Engineering Standards Association in preparing specifications for carbon steel forgings and reinforcing materials for concrete.

### Service Building

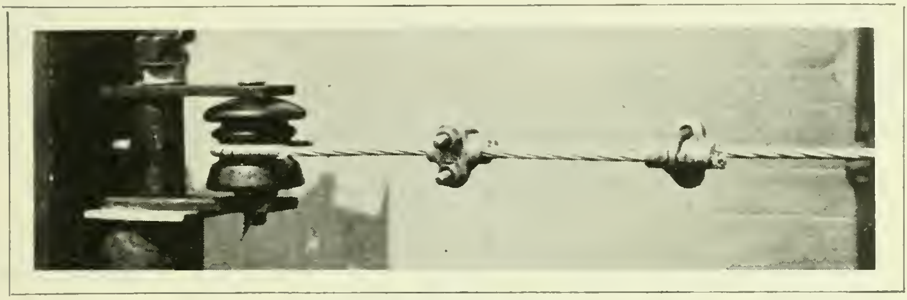
A complete inspection of the building was made and several changes, recommended as a result of this inspection, were carried out. Special attention was given to the elevator and fire protection equipment, and alterations to the heating system are in progress.

### Lighting Service

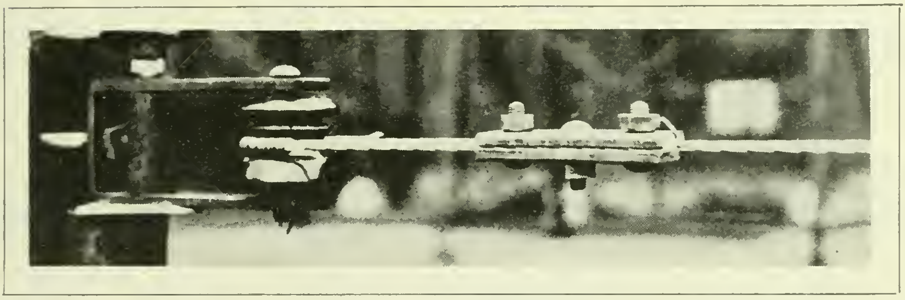
During the 1935 lighting campaign, thirteen lectures accompanied by practical demonstrations were given in various parts of the Province by a member of the staff. These lectures resulted in a substantial increase in the demand for lighting service and eighty-one reports on lighting problems were submitted in response to customers' requests. Assistance was also given to the larger municipalities holding lighting shows, to the Engineering department in the selection of lighting units for the new Administration building, and to a local hospital in the development of a surgical spotlight.



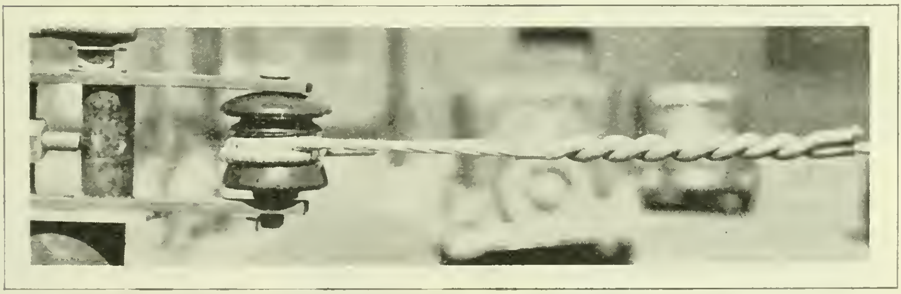
STEEL CLAMPS



ALUMINUM CLAMPS



THREE BOLT CLAMP



TWISTED ALUMINUM SLEEVE

DEAD-END CONNECTIONS ON RURAL TRANSMISSION LINES TESTED FOR VIBRATION CHARACTERISTICS

A new highly efficient lamp developed in the United States was introduced into Canada during the year, and at the request of Canadian manufacturers arrangements were made between the Commission and the Illuminating Engineering Society of the United States whereby the testing of this lamp would be carried on by the laboratory. This work is now proceeding and nine Canadian manufacturers are making use of the service.

**Lamps**

Lamp sales showed an increase of about 18 per cent over the previous year. The quality of these lamps is regularly checked by shop and laboratory tests.

Thirty-two lamps were standardized for lamp testing and other photometric requirements, and a number of tests and lamp problems were handled for municipalities. In this way, assistance not otherwise available is furnished for their individual needs.

Five automobile lighting devices were tested and seven others were examined under the specifications of the Department of Highways.

## APPROVALS LABORATORY

### Statistical

The following table gives a summary of the testing and inspection work of the Approvals laboratory for the past three years:

| | 1933 number | 1934 number | 1935 number |
|---|---|---|---|
| Applications for approval | 743 | 742 | 696 |
| Applications for special inspection, etc. | 237 | 267 | 362 |
| Applications for listing only | 67 | 54 | 30 |
| Factory inspection reports | 3,328 | 3,998 | 4,928 |
| Labels sold (except conduit and wire, cord, cable, etc.) | 621,723 | 1,057,378 | 1,435,906 |
| Labels sold—conduit | 446,000 | 705,000 | 653,600 |
| Labels sold—wire, cord, cable, etc. | 334,000 | 438,000 | 499,000 |
| Total number of labels sold | 1,401,723 | 2,200,378 | 2,588,506 |

The following table gives the amount of wire, cable and conduit labelled during the past three years:

| | 1933 feet | 1934 feet | 1935 feet |
|---|---|---|---|
| Insulated wire (Incl. R.C. fixture wire and heat-resisting fixture wire) | 63,600,000 | 74,125,000 | 87,750,000 |
| Flexible cord | 22,200,000 | 20,375,000 | 21,750,000 |
| Heater cord | 5,560,000 | 4,500,000 | 5,625,000 |
| Armoured cable | 7,420,000 | 9,150,000 | 8,250,000 |
| Flexible steel conduit | 120,000 | 150,000 | 200,000 |
| Flexible non-metallic tubing | 4,500,000 | 4,250,000 | 5,250,000 |
| Non-metallic sheathed cable | 6,300,000 | 7,250,000 | 7,300,000 |
| Rigid steel conduit (Incl. nipples and elbows) | 4,680,000 | 7,050,000 | 6,536,000 |

Applications for approval may be sub-divided as follows:

| | 1933<br>number | 1934<br>number | 1935<br>number |
|---|---|---|---|
| Motor-driven appliances | 222 | 194 | 186 |
| Electrically-heated appliances | 168 | 201 | 192 |
| Wiring devices | 125 | 96 | 88 |
| Lighting devices | 106 | 112 | 87 |
| Industrial control devices and transformers | 43 | 31 | 22 |
| Miscellaneous equipment and materials | 43 | 53 | 81 |
| Wire and cable | 19 | 17 | 8 |
| Radio and sound appliances | 17 | 38 | 32 |

## Specifications

Summary of Work

| | 1933<br>number | 1934<br>number | 1935<br>number |
|---|---|---|---|
| Specifications in process by Canadian Engineering Standards Association at beginning of year | 15 | 17 | 17 |
| Specifications printed and issued | 5 | 7 | 9 |
| Other specifications advanced to C.E.S.A. form | 4 | 1 | 12 |
| Other specifications begun by laboratory staff | 10 | 8 | 4 |
| Meetings of C.E.S.A. Specification panel attended by staff | 15 | 9 | 14 |
| Average attendance by staff members | 3.5 | 3 | 2.5 |
| Other meetings relating to Approvals work | 3 | 2 | 1 |

## Label Sales

It will be noted that there has been an increase over the year 1934 of 17½ per cent in the number of labels sold. This is due largely to an increased demand for labels for electric fixtures, portable lamps, service boxes, panelboards, branch circuit breakers and signs.

The volume of wire, cord, cable, and conduit labelled during the past three years is shown on a separate table. Except in the case of rigid conduit and armoured cable all items show an increase over the previous year. Part of the increased use of the "insulated wire" label is no doubt due to requirements set forth in the Specification on Electric Fixtures.

A new combination approval label for decorative lighting outfits was designed and label service made effective in April, 1935, to cover equipment sold the following season.

## Miscellaneous

Improvements were made in the equipment for testing fuses and small circuit-breakers and for making dielectric tests on wire and cable.

A revision of the general bulletin covering operation of the label service on rubber-covered wires and cables and in line with the draft of Specification No. 38 of the Canadian Electrical Code, Part II, was prepared. It is expected that this revised bulletin will be made effective early next year.

In the operation of the label service for insulated wires, cables and cords a new standard identifying marker scheme was put into effect. The quality of the wire and cable is controlled by a series of tests conducted in the factories and in the laboratory, and demerit reports for this year indicate that manufacturers of wire and cable are continually improving the quality of these important products.

Applications received during the year show some new items which appear to have received attention from manufacturers. These items include warming pads, coffee makers and toasters; picture and sound-projecting machines of the portable type; motors and motor-operated pumps and tools; refrigeration control devices; Christmas-tree outfits; therapeutic short-wave diathermy equipment; enclosures (other than explosion-proof) for use in hazardous locations.

Further assistance was given to restrict the sale of substandard fixtures and appliances, and it is believed that the sale of these devices is now effectively controlled in Ontario.

The preparation of specifications in co-operation with the Canadian Engineering Standards Association and the manufacturers of electrical equipment has continued with results as indicated in the table "Specifications" appearing above. Surveys have been made of a few of the existing specifications as issued by the Canadian Engineering Standards Association, and revisions have been made to keep the standard specifications in line with the developments in the art.

Several problems involving industry and the Canadian Electrical Code have been disposed of, with evident benefit to all parties concerned.

## ELECTRICAL INSPECTION DEPARTMENT

The Electrical Inspection department was reorganized at the beginning of the present fiscal year. Prior to the re-organization, the department embraced thirty-two Electrical Inspection districts with district offices located in the principal cities and towns in the Province.

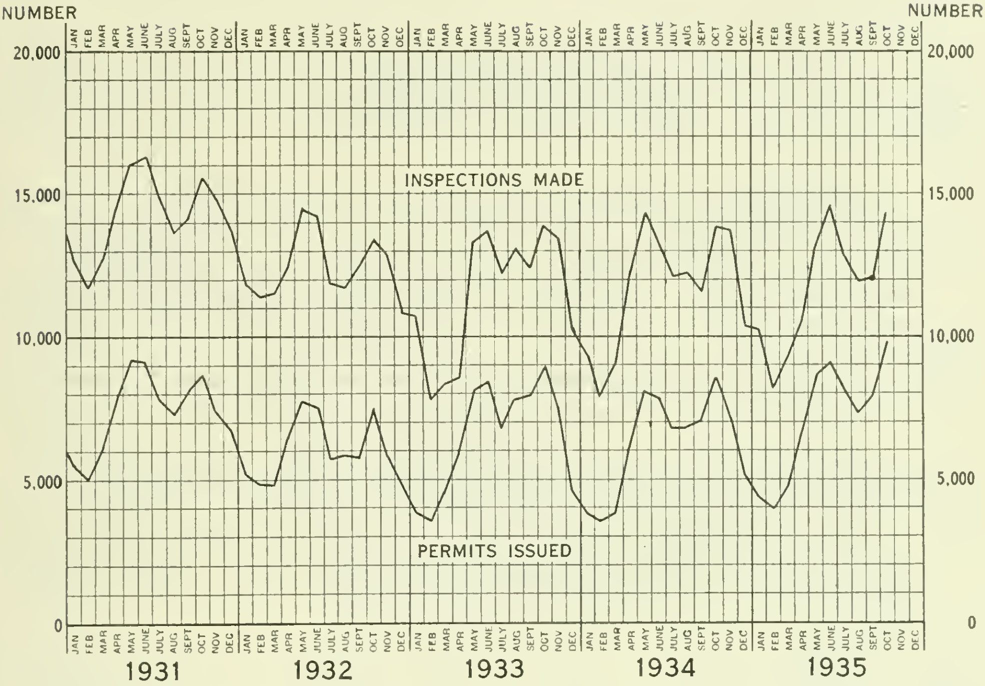
In the reorganization, ten district offices were closed.

The district offices closed were:—Belleville, Guelph, Niagara Falls, Orillia, Peterboro, Sarnia, St. Thomas, Stratford, Windsor and Woodstock.

The Tenth Edition of the Hydro-Electric Power Commission Rules and Regulations Governing Electrical Installations for Buildings, Structures and Premises, primarily the Canadian Electrical Code, Part I, Third edition, was released by the Canadian Engineering Standards Association early this year and became effective in Ontario on November 1st, 1935.

### Statistical

The volume of business, handled by the department, showed a decided improvement over 1934. In all 82,915 permits were issued, an increase over 1934 of 9,691, or 13.2 per cent. 141,604 inspections were made, an increase of 1,884 or 1.3 per cent.



The following table contains figures relating to the operation of the department for the past seven years, beginning with the peak year 1929:

| Years | Permits issued | Inspections made |
|---|---|---|
| 1929 | 95,876 | 189,690 |
| 1930 | 95,229 | 186,891 |
| 1931 | 89,760 | 177,782 |
| 1932 | 76,171 | 153,895 |
| 1933 | 75,054 | 137,760 |
| 1934 | 73,224 | 139,720 |
| 1935 | 82,916 | 141,604 |

### Fires Attributed to Electricity

Each year, a large number of fires are alleged to have been caused by defective electric wiring or equipment. In the majority of instances when an investigation is made, any evidence which would afford proof of the electrical origin has been destroyed by the fire. Fourteen fires were found to have been due to electrical defects as compared to twenty-three in 1934. They have been classified as to origin as follows:

| Origin | Number |
|---|---|
| Armoured cable | 4 |
| Extension cords | 5 |
| Short circuit in elevator control | 1 |
| Short circuit in base of gasoline pump standard | 1 |
| Fuse holder bridged | 1 |
| Loose joint | 1 |
| Short circuit between armoured cable and foreign circuit | 1 |

### Electrocutions

Six persons were electrocuted this year, through contact with electric wiring or equipment coming under the jurisdiction of this department, this number being an increase of three over last year. The individual causes are briefly cited below:

> Child electrocuted by putting a live circuit wire in its mouth. Voltage of circuit, 115.
>
> Two men were electrocuted when deep well pump rods, which they were removing from a well, came in contact with a primary feeder. Voltage to ground, 2,200.
>
> Girl electrocuted when using a defective ironing cord. Voltage of circuit, 115.
>
> Man electrocuted when attempting to remove an improperly connected plug from a portable welding machine. Voltage of circuit, 550.
>
> Man electrocuted while working on a silo filling blower pipe. The pipe was lifted off the cutting box and fell over, coming in contact with a 4,600 volt line.

### Ground Tests

Two thousand five hundred and eighty-nine ground tests were made this year, in isolated communities and in rural districts, an increase of 770 or 42 per cent over 1934. The grounds so tested are required by the rules and regulations in order to minimize life and fire hazards.

### Infractions of Regulations

Twenty-two persons and companies were prosecuted for various infractions of the Provincial rules and regulations, such as installing wiring and equipment without permits or neglecting to remedy defects which constitute a life or fire hazard.

### Re-Wiring

The routine work of re-inspecting the older and more obsolete type of installation has been carried out as in previous years. Towards the latter part of the year, the department was requested by the Liquor Control Board to make a general inspection of all hotels throughout the Province. This request followed two fires which caused a loss of life on hotel premises. These inspections will be completed early in the fiscal year 1936. In all, 2,714 installations were brought up to a reasonable standard of safety at an approximate cost of $189,680.

# SECTION VIII

## ELECTRIC RAILWAYS

### THE HAMILTON STREET RAILWAY COMPANY

### A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System

Gross earnings on the Hamilton Street Railway for the year 1935 increased 12.34 per cent. Operating expenses (including taxes) decreased 1.7 per cent. The net earnings increased by $111,897. The improved earnings were due to the elimination of jitney competition, improved employment conditions in Hamilton, and the adoption of a five cent fare.

The balance sheet and income account are given at the end of Section IX.

Operating results are summarized and compared in the following tabulation and chart.

HAMILTON STREET RAILWAY

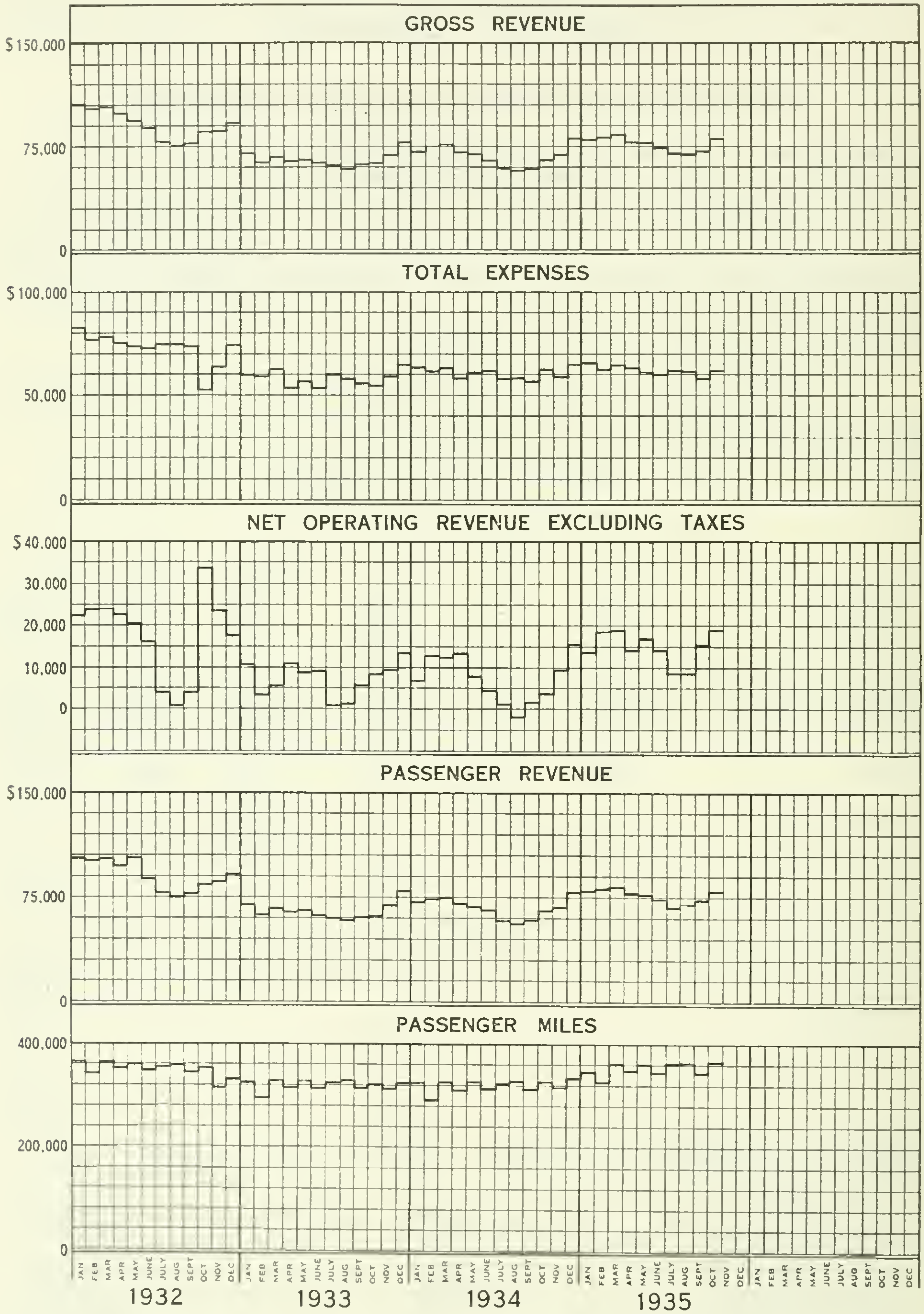
Comparative Operating Statistics

| | 1934 | | | 1935 | | |
|---|---|---|---|---|---|---|
| | Tramways | Buses | Total | Tramways | Buses | Total |
| Operating revenues: | $ | $ | $ | $ | $ | $ |
| Passenger | 661,055 | 148,640 | 809,695 | 717,572 | 191,973 | 909,545 |
| Freight | 3,980 | | 3,980 | 3,823 | | 3,823 |
| Other operations | 4,990 | 616 | 5,606 | 6,456 | 579 | 7,035 |
| Operating revenue | 670,025 | 149,256 | 819,281 | 727,851 | 192,552 | 920,403 |
| Operating expenses | 580,197 | 155,179 | 735,376 | 577,097 | 172,963 | 750,060 |
| Net operating revenues | 89,828 | 5,923* | 83,905 | 150,754 | 19,589 | 170,343 |
| Taxes | 50,600 | 7,573 | 58,173 | 29,249 | 3,465 | 32,714 |
| Net operating income | 39,228 | 13,496* | 25,732 | 121,505 | 16,124 | 137,629 |
| Interest on advances from Niagara System | | | 11,551 | | | 10,292 |
| Dividend appropriations | | | 14,181 | | | 127,337 |

*Deficit

| | 1934 | 1935 |
|---|---|---|
| Route-miles: | | |
| Tramway | 27.28 | 27.28 |
| Bus | 17.69 | 17.69 |
| Total | 44.97 | 44.97 |
| Track-miles | 43.45 | 43.45 |
| Passenger cars operated | 82 | 74 |
| Passenger buses operated | 30 | 30 |
| Car-miles operated: | | |
| Passenger cars | 2,582,058 | 2,876,039 |
| Passenger buses | 1,240,821 | 1,298,997 |
| Car-hours operated: | | |
| Passenger cars | 288,101 | 306,308 |
| Passenger buses | 99,465 | 105,080 |
| Passengers carried | 15,700,431 | 19,634,096 |
| Percentage of transfer passengers to revenue passengers | 20.9% | 19.5% |

# THE HAMILTON STREET RAILWAY COMPANY OPERATING STATISTICS



## GUELPH RADIAL RAILWAY

### Operated by The Hydro-Electric Power Commission for the City of Guelph

There was no major commitment on capital account during the year. Essential maintenance on way and structures, and equipment was performed.

The balance sheet and income account are given at the end of Section IX.

Operating results are summarized and compared in the following tabulation and chart.

### GUELPH RADIAL RAILWAY

Comparative Operating Statistics

| | 1934 | | | 1935 | | |
|---|---|---|---|---|---|---|
| | Tramways<br>$ | Buses<br>$ | Total<br>$ | Tramways<br>$ | Buses<br>$ | Total<br>$ |
| Operating revenues | | | | | | |
| Passenger | 38,849 | 16,366 | 55,215 | 36,662 | 15,880 | 52,542 |
| Freight | 9,299 | | 9,299 | 9,573 | | 9,573 |
| Other operations | 482 | 53 | 535 | 468 | 38 | 506 |
| Operating revenue | 48,630 | 16,419 | 65,049 | 46,703 | 15,918 | 62,621 |
| Operating expenses | 54,804 | 15,595 | 70,399 | 51,978 | 16,837 | 68,815 |
| Net operating deficit | 6,174 | 824* | 5,350 | 5,275 | 919 | 6,194 |
| Taxes | 257 | | 257 | 244 | | 244 |
| Net operating loss | 6,431 | 824* | 5,607 | 5,519 | 919 | 6,438 |
| Interest and instalment payment | | | †23,515 | | | †23,843 |
| Sinking fund | | | 3,485 | | | 3,624 |
| Renewals—buses | | | | | | 2,358 |
| Total deficit | | | 32,607 | | | 36,263 |

---

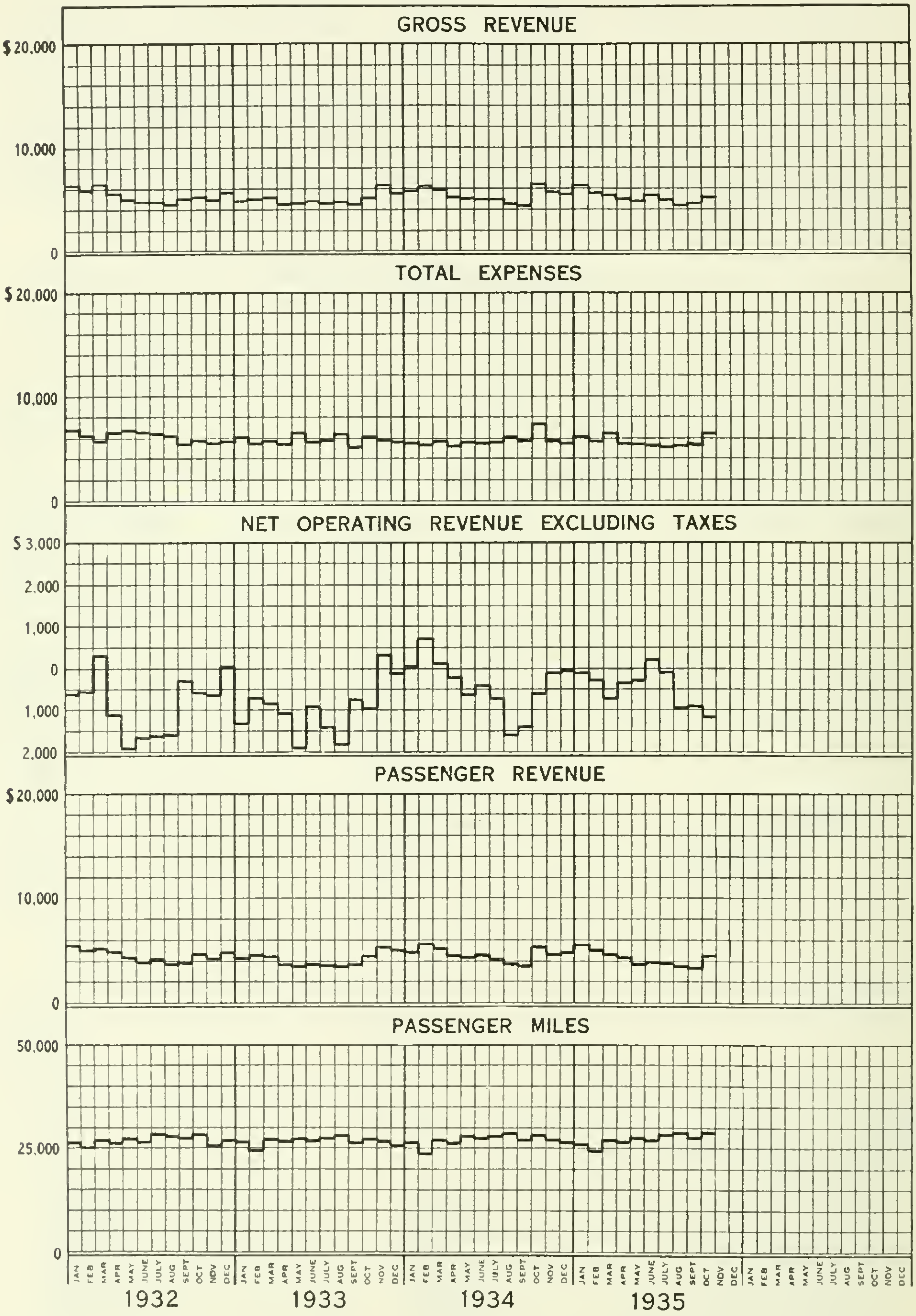
*Surplus

†Includes $11,700 on purchase account, made up as follows:

| | 1934 | 1935 |
|---|---|---|
| Amortization | $8,731 | $9,128 |
| Interest | 2,969 | 2,572 |

| | 1934 | 1935 |
|---|---|---|
| Route-miles: | | |
| Tramway | 6.41 | 6.41 |
| Bus | 5.99 | 5.99 |
| Total | 12.40 | 12.40 |
| Track-miles | 9.06 | 9.06 |
| Passenger cars operated | 7 | 7 |
| Passenger buses operated | 4 | 4 |
| Car-miles operated: | | |
| Passenger cars | 225,446 | 226,892 |
| Passenger buses | 97,698 | 99,909 |
| Freight locomotive | 10,424 | 9,518 |
| Car-hours operated: | | |
| Passenger cars | 27,896 | 27,510 |
| Passenger buses | 13,860 | 14,110 |
| Freight locomotive | 2,064 | 2,075 |
| Passengers carried | 1,196,377 | 1,119,719 |
| Percentage of transfer passengers to revenue passengers | 27.15% | 26.51% |

# GUELPH RADIAL RAILWAY—OPERATING STATISTICS



# SECTION IX

## FINANCIAL STATEMENTS

### Relating to

### Properties Operated by The Hydro-Electric Power Commission in the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay Systems on Behalf of Municipalities

### and to

### Northern Ontario Properties Operated by the Commission on Behalf of the Province,

### The Hamilton Street Railway Company—A Subsidiary of Niagara System, and

### Guelph Radial Railway—Operated by the Commission on Behalf of the City of Guelph

IN this section of the Report financial statements relating to the activities of The Hydro-Electric Power Commission, segregated into certain distinct divisions, are presented. The first division relates to those activities on behalf of the co-operative municipalities, which are partners in the main "Hydro" undertaking comprising the Niagara, Georgian Bay, Eastern Ontario and Thunder Bay systems and certain minor properties. The second relates to the administration of the Northern Ontario Properties which are operated by the Commission on behalf of the Province. The third and fourth relate to The Hamilton Street Railway Company, a subsidiary of the Niagara system, and to the Guelph Radial Railway operated by the Commission for the city of Guelph. For each of these divisions of the Commission's administrative work, there are presented a balance sheet and an operating and income account. In the case of the co-operative systems and the Northern Ontario Properties, supplementary statements respecting fixed assets, reserves, etc., more fully described below, are given.

### Co-operative Systems

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the "Hydro" undertaking in supplying electrical service at cost, and to the *wholesale* and *retail* aspects of the work. A description is also given of the several systems into which the partner municipalities are co-ordinated for securing common action with respect to power supplies, through the medium of The Hydro-Electric Power Commission which, under The Power Commission Act, functions as their Trustee.

Although for the purpose of financial administration the various systems are separate units, there is a similarity of procedure with respect to their operation which enables certain financial statements, as for example the various reserves, to be co-ordinated and presented in summary tables.

The first set of tables in Section IX gives collective results for the co-operative activities related to the four systems and minor associated properties. These tables include a **balance sheet**; an **operating and income account**; a **summarization of cost distributions** as detailed in the "cost of power" tables referred to below; schedules respecting **fixed assets, capital expenditures and grants—rural power districts, power accounts receivable, funded debt issued or assumed, renewals reserves, obsolescence and contingencies reserves, sinking fund reserves**, and the **account with the Provincial Treasurer of the Province of Ontario.**

The tables which follow these general financial statements relate more particularly to the individual municipality's aspects of the wholesale activities of the Commission and for each system show the **cost of power** to the individual municipal utilities, the **credit or debit** adjustment that is made at the end of the fiscal year, and the **sinking fund** equity that has been acquired by the individual municipality. There is also included for each system a **rural operating** statement.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply and other factors. The entire capital cost of the various power developments and transmission systems is annually allocated to the connected municipalities and other wholesale power consumers, according to the relative use made of the lines and equipment. Each municipality assumes responsibility for that portion of property employed in providing and transmitting power for its use, together with such expenses—including the cost of purchased power if any—as are incidental to the provision and delivery of its wholesale power. The entire annual expenses—including appropriations for reserves—incurred by the Commission in the supply of power at wholesale are thus paid out of revenues collected in respect of such power, through the medium of power bills rendered by the Commission. The municipalities are billed at an estimated interim rate each month during the year and credit or debit adjustment is made at the end of the year,* when the Commission's books are closed and the actual cost payable by each municipality for power received has been determined.

Included in the municipality's remittance to the Commission for the wholesale cost of power—besides such current expenses as those for operation and maintenance of plant, for administration, and for interest on capital—are sums required to build up reserves for sinking fund, for renewals, and for obsolescence and contingencies. The first-mentioned reserve is for the purpose of liquidating the capital liabilities; consequently as capital obligations are discharged the plant will progressively be freed from interest expense. The other reserves are, respectively, being created to provide funds for the replacing or rebuilding of plant as it wears out; to enable the undertaking to replace existing equipment with improved equipment as it becomes available through advances in science and invention, and to meet unforeseen expenses which from time to time may arise.

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*The financial year for the Commission ends on October 31. The financial year for the municipal electric utilities, however, ends on December 31, and the municipal accounts are made up to this date, and so recorded in Section X.

The ultimate source of all revenue to meet costs—whether for the larger operations of The Hydro-Electric Power Commission or for the smaller local operations of the municipalities—is, of course, the consumer. Out of the total revenue collected by each municipal utility from its consumers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission as outlined above is remitted to the Commission; the balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its consumers.

## Tabular Data

The following comments relate to the tabular data presented:

**Balance Sheet.**—The first tabular statement given in Section IX is a balance sheet showing the assets, and the liabilities, reserves and equities of the several co-operative systems.

**Operating and Income Accounts.**—This statement, for each of the four systems, miscellaneous administrative and other properties, and certain electric railways, shows the operating revenues, operating expenses, including cost of power purchased, renewals provisions and obsolescence and contingencies provisions, miscellaneous income, deductions from income including interest, etc., and sinking fund appropriations. On this table is also included similar information respecting properties operated for others, including Northern Ontario Properties, so as to present a combined total covering all properties operated by the Commission.

**Summarization of Cost Distributions**—This statement is a summary of the "cost of power" tables relating to the individual systems as referred to more particularly below, and shows how the figures contained in the operating and income accounts are finally distributed among the various consumers.

**Fixed Assets**—Details are given concerning the various fixed assets of each system and of the miscellaneous properties, whilst similar details are shown of the capital expenditures for the year ended October 31, 1935.

**Capital Expenditures and Grants—Rural Power Districts.**—This schedule gives summary information respecting the total capital expenditures on rural power districts and grants-in-aid of construction made by, or claimed from, the Province with respect to such rural districts.

**Power Accounts Receivable**—This schedule sets forth the amounts collectible from all classes of power consumers and includes the annual adjustment figures from the "credit or charge" statements for municipalities. The main details of those debit balances three months or more overdue are stated.

*Note*—The annual adjustment figures from the "credit or charge" statements for rural power districts do not represent accounts receivable and these have therefore been shown on the balance sheet under the title of "rural power districts—rates suspense".

**Funded Debt, Issued or Assumed**—This schedule presents a complete list of the securities issued or assumed by the Commission on account of the several systems, the Northern Ontario Properties and the Guelph Radial Railway. It should be noted that where securities have been issued to finance properties operated for others, this liability is only shown in memorandum form on the balance sheet of the Commission, whilst the direct liability is shown on the balance sheets of the Northern Ontario Properties and the Guelph Radial Railway.

**Renewals Reserves, and**

**Obsolescence and Contingencies Reserves**—These schedules show the provisions made to, the expenditures from, and the balance to the credit of, these reserves for each of the systems and other properties included in the power undertakings operated on a cost basis.

**Sinking Fund Reserves**—This schedule summarizes the appropriation of principal and interest with respect to these reserves for each of the systems and certain minor properties.

**Account with the Provincial Treasurer**—This schedule lists, both for the Niagara and other systems operated on a cost basis, and for the Northern Ontario Properties operated for the Province, the advances from the Province of Ontario and the interest, commission and exchange charges on these advances. It should be noted that Provincial advances to finance Northern Ontario Properties are shown in memorandum form only on the balance sheet of the Commission as the direct liability is carried on the Northern Ontario Properties' balance sheet.

Following these statements, which are common to all systems, there are given for each of the individual co-operative systems four tabular statements as follows:

**Cost of Power** statement, which shows the apportionment to each municipality or rural power district of the items of cost summarized in the operating account, as well as the apportionment of the fixed assets in service listed in the balance sheet and the amount of power taken by each municipality. It should be noted that the cost of power given in this table is the wholesale cost—that is, the cost which the Commission receives for the power delivered from the main transformer stations serving the local utility or rural power district. In the case of rural power districts, the costs of power for the respective districts appear also in the "rural operating" statement, immediately following, as "cost of power delivered"; in the case of municipal electrical utilities not directly administered by the Commission, the respective costs of power appear in Statement "B" of Section X as "power purchased".

**Rural Operating** statement, which shows for each rural power district the various items of cost, and the revenues received, in connection with the distribution of electrical energy to consumers.

**Credit or Charge** statement, which shows the adjustments made in order to bring the amounts paid by each municipal electric utility to the actual cost of service to that municipality. These credits and charges are taken up and given effect to in the municipal accounts of "Hydro" utilities before the operating records of each year are closed.

**Sinking Fund** statement, which gives the accumulated total of the amounts paid by each municipality and rural power district as part of the cost of power together with its proportionate share of other sinking funds.

### Northern Ontario Properties

The statements and schedules respecting these properties which are operated by the Commission on behalf of the Province of Ontario include the balance sheet, operating and income accounts, schedules of fixed assets, renewals reserves, and obsolescence and contingencies reserves. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

### The Hamilton Street Railway Company

This is a subsidiary of the Niagara system of the Commission. A balance sheet and income account are presented.

### Guelph Radial Railway

This railway is operated by the Commission on behalf of the city of Guelph. A balance sheet and operating and income account are presented.

### Municipal Utilities

All municipal "Hydro" utilities have current expenses to meet similar to the expenses of the Commission and have adopted the same financial procedure with respect to their operations. In other words, concurrently with the creation of funds to liquidate their debt to the Commission and to provide the necessary reserves to protect generating, transforming, and transmission systems, the municipalities are taking similar action with respect to their local "Hydro" utility systems.

The balance sheets, operating reports and statistical data appearing in Section X, under the heading of "Municipal Accounts", relate to the operation of local distribution systems by individual municipalities which have contracted with the Commission for their supply of electrical energy. To this section there is an explanatory introduction to which the reader is specially referred.

### Auditing of Accounts

The accounts of The Hydro-Electric Power Commission of Ontario are verified by auditors specially appointed by the Provincial Government. The accounts of the "Hydro" utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

# FINANCIAL ACCOUNTS

For the Year Ended October 31, 1935

Relating to Properties operated on a "Cost Basis" for the Co-operating Municipalities and Rural Power Districts which are supplied with Electrical Power and Services from the following Properties:

Niagara System
Georgian Bay System
Eastern Ontario System
Thunder Bay System
Bonnechere River Storage
Nipissing Rural Power District
Manitoulin Rural Power District
Service and Administrative Buildings and Equipment

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## STATEMENTS

Balance Sheet as at October 31, 1935

Operating and Income Accounts for the Year ended October 31, 1935

Summarization of Cost Distributions for the Year ended October 31, 1935

Schedules supporting the Balance Sheet as at October 31, 1935:—
  Fixed Assets—By Systems and Properties
  Capital Expenditures and Grants—Rural Power Districts
  Power Accounts Receivable
  Funded Debt Issued or Assumed
  Renewals Reserves
  Obsolescence and Contingencies Reserves
  Sinking Fund Reserves
  Account with the Provincial Treasurer of the Province of Ontario

Detailed Statements for Municipalities and Rural Power Districts

## BALANCE SHEET AS AT OCTOBER 31, 1935

Niagara System
Georgian Bay System

Eastern Ontario System
Thunder Bay System

### ASSETS

| | | | |
|---|---|---|---|
| **INVESTMENTS:** | | | |
| Fixed Assets in Service: | | | |
| Niagara System | $212,754,797.42 | | |
| Georgian Bay System | 9,133,282.35 | | |
| Eastern Ontario System | 19,877,822.33 | | |
| Thunder Bay System | 18,628,699.86 | | |
| Non-System Properties | 170,365.75 | | |
| Service and administrative buildings and equipment | 3,087,271.24 | | |
| | | $263,652,238.95 | |
| Fixed Assets under Construction | | 1,219,212.50 | |
| Preliminary Expenditures: | | | |
| St. Lawrence River surveys—1925 to 1928 | $ 734,873.31 | | |
| Madawaska River power sites, surveys and plans—1929 | 850,000.00 | | |
| Other surveys, engineering and undeveloped power sites | 484,521.56 | | |
| | | 2,069,394.87 | |
| Miscellaneous Investments: | | | |
| Toronto, Pt. Credit, St. Catharines Radial Rlys.—secured | $ 1,815,788.20 | | |
| The Hamilton Street Rly Co.—capital stock and advances | 3,262,363.43 | | |
| Investment securities | 2,402,021.25 | | |
| Sale agreements and mortgages | 1,693,665.90 | | |
| | | 9,173,838.78 | |
| | | | $276,114,685.10 |
| **CURRENT AND ACCRUED ASSETS:** | | | |
| Cash in banks | | $ 1,370,219.52 | |
| Special deposits for matured interest unpaid | | 64,087.71 | |
| Sundry accounts receivable | | 270,411.66 | |
| Power accounts receivable | | 3,926,636.89 | |
| Interest receivable | | 590,385.82 | |
| Rural district loans | | 77,054.12 | |
| Consumers' and contractors' deposits: | | | |
| Special deposits | $ 40,891.51 | | |
| Securities—at par value | 470,900.00 | | |
| | | 511,791.51 | |
| | | | 6,810,587.23 |
| **DEFERRED DEBITS:** | | | |
| Rural Power Districts—rates suspense | | $ 280,455.02 | |
| Maintenance materials and supplies | | 513,213.96 | |
| Construction materials and supplies | | 713,817.81 | |
| Construction and maintenance tools and equipment | | 614,803.79 | |
| Office furniture and equipment | | 57,359.10 | |
| Prepayments | | 93,623.04 | |
| Work in progress—water heater campaign | | 629,190.97 | |
| Work in progress—deferred work orders | | 91,002.86 | |
| Unamortized debenture discount | | 64,688.01 | |
| Miscellaneous deferred debits | | 68,764.06 | |
| | | | 3,126,918.62 |
| **SPECIAL FUNDS:** | | | |
| Reserve Funds: | | | |
| Investments | $ 37,135,085.69 | | |
| *Amount receivable from current assets—per contra | 322,728.64 | | |
| | | $ 37,457,814.33 | |
| Employers' Liability Insurance Fund: | | | |
| Investments | $ 877,846.07 | | |
| Deposit with the Workmen's Compensation Board | 43,299.25 | | |
| *Amount receivable from current assets—per contra | 2,973.61 | | |
| | | 924,118.93 | |
| Pension Fund: | | | |
| Investments | $ 4,034,097.88 | | |
| *Amount receivable from current assets—per contra | 149,941.57 | | |
| | | 4,184,039.45 | |
| Sinking Funds: | | | |
| Investments | $ 3,641,625.37 | | |
| Deposits in the hands of trustees | 129,835.27 | | |
| *Amount receivable from current assets—per contra | 1,042,613.98 | | |
| | | 4,814,074.62 | |
| | | | 47,380,047.33 |
| | | | $333,432,238.28 |

Approved by:—
A. Murray McCrimmon - - - Controller.
T. S. Lyon - Chairman of the Commission.
A. W. Roebuck - - - - - Commissioner.
T. B. McQuesten - - - - Commissioner.

## COMMISSION OF ONTARIO

### IN WHICH THE FOLLOWING PROPERTIES ARE INCLUDED:

| | |
|---|---|
| **Local Distribution Systems** | **Bonnechere River Storage** |
| **Rural Power Districts** | **Service & Administrative Buildings & Equipment** |

### LIABILITIES, RESERVES AND EQUITIES

| | | | |
|---|---|---|---|
| GRANTS IN AID OF CONSTRUCTION: | | | |
| Province of Ontario—for Rural Power Districts | | | $ 9,489,670.71 |
| LONG-TERM LIABILITIES: | | | |
| Funded Debt Issued or Assumed | $ 84,371,546.37 | | |
| *Less*—Treasury securities—pledged for bank loan | 1,200,000.00 | | |
| Funded debt in the hands of the public | $ 83,171,546.37 | | |
| *Less*—Hydro-Radial debentures assumed by the Sandwich, Windsor & Amherstburg Rly Co., and the Province of Ontario | 5,816,205.00 | | |
| | | $ 77,355,341.37 | |
| *Less*—Debentures issued to finance properties operated for others: | | | |
| Northern Ontario Properties | $ 17,626,950.00 | | |
| Guelph Radial Railway | 300,000.00 | | |
| | | 17,926,950.00 | |
| | | $ 59,428,391.37 | |
| Advances from the Province of Ontario | $207,002,750.36 | | |
| *Less*—Advances for Northern Ontario Properties | 8,198,853.76 | | |
| | $198,803,896.60 | | |
| *Less*—Repayments from sinking funds | 21,831,698.71 | | |
| | | 176,972,197.89 | |
| | | | 236,400,589.26 |
| CURRENT AND ACCRUED LIABILITIES: | | | |
| Bank of Montreal—demand loans | $ 6,500,000.00 | | |
| *Less*—Amount for Northern Ontario Properties | 4,500,000.00 | | |
| | | $ 2,000,000.00 | |
| Accounts payable | $ 1,678,872.16 | | |
| *Less*—Amount for Northern Ontario Properties | 112,027.29 | | |
| | | 1,566,844.87 | |
| Matured debenture interest unpaid | | 64,087.71 | |
| Matured debentures unpaid | | 4,076.99 | |
| Debenture interest accrued | | 823,889.94 | |
| Miscellaneous accrued liabilities | | 813,643.74 | |
| Power accounts receivable—credit balances | | 90,639.49 | |
| Northern Ontario Properties | | 138,445.60 | |
| Advances from the Province of Ontario for rural loans | | 80,853.63 | |
| Liability for consumers' and contractors' deposits | | 528,675.94 | |
| | | $ 6,111,157.91 | |
| *Liability to special funds—per contras | | 1,518,257.80 | |
| | | | 7,629,415.71 |
| DEFERRED CREDITS: | | | |
| Rural Power Districts—rates suspense | | $ 1,057,683.60 | |
| Rural Power District grants in suspense | | 20,437.39 | |
| Unamortized premium on debentures | | 298,927.20 | |
| Miscellaneous deferred credits | | 26,861.41 | |
| | | | 1,403,909.60 |
| RESERVES: | | | |
| Renewals reserves | $ 31,134,535.94 | | |
| Obsolescence and contingencies reserves | 6,323,278.39 | | |
| | | $ 37,457,814.33 | |
| Employers' liability insurance reserve | | 924,118.93 | |
| Pension fund reserve | | 4,184,039.45 | |
| Fire insurance reserve | | 59,477.97 | |
| Miscellaneous reserves | | 761,447.85 | |
| | | | 43,386,898.53 |
| EQUITIES OF MUNICIPALITIES AND RURAL POWER DISTRICTS: | | | |
| Municipalities' and Rural Power Districts' equities, being the accumulated contributions of consumers, including interest accretions, for annual sinking fund appropriations, represented by: | | | |
| Funded debt retired through sinking funds | | $ 8,475,981.14 | |
| Provincial advances repaid through sinking funds | | 21,831,698.71 | |
| Sinking funds | | 4,814,074.62 | |
| | | | 35,121,754.47 |
| | | | $333,432,238.28 |

### Auditors' Certificate

We have examined the Books and Accounts of The Hydro-Electric Power Commission of the Province of Ontario for the year ended the 31st October, 1935, and report that, in conjunction with our Annual Report to the Lieutenant-Governor in Council, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Commission's affairs at the 31st October, 1935, according to the best of our information and the explanations given to us and as shown by the books of the Commission. We have obtained all the information and explanations we have required.

The Balance Sheet for the Northern Ontario Properties has not been consolidated in the above figures.

Oscar Hudson and Co.,
Chartered Accountants,
Auditors.

Dated at Toronto Ontario,
30th March, 1936.

## THE HYDRO-ELECTRIC

### Operating and Income Accounts

| | Niagara System | Georgian Bay System | Eastern Ontario System | Thunder Bay System |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| OPERATING REVENUES: as per cost statement | 23,364,592.30 | 1,059,563.67 | 2,938,706.76 | 1,433,303.82 |
| OPERATING EXPENSES: | | | | |
| Power purchased | 8,232,968.05 | 39,281.63 | 849,295.63 | |
| Operation, maintenance and administration expenses | 4,378,261.93 | 384,446.80 | 719,353.15 | 225,840.86 |
| Renewals provision for the year: | | | | |
| Principal—as per cost statement | 1,633,187.66 | 131,083.26 | 250,839.49 | 160,523.21 |
| Interest at 4% on reserves' balances | 838,634.46 | 63,496.35 | 139,525.50 | 61,688.77 |
| Contributed—Chats Falls | 11,812.83 | | | |
| Total provision | 2,483,634.95 | 194,579.61 | 390,364.99 | 222,211.98 |
| Obsolescence and contingencies provision for the year: | | | | |
| Principal—as per cost statement | 133,744.87 | 44,390.15 | 86,456.30 | 1,190.36 |
| Interest at 4% on reserves' balances | 262,337.40 | 19,655.35 | 48,036.70 | 28,806.55 |
| Contributed—Chats Falls | 17,318.85 | | | |
| Total provision | 413,401.12 | 64,045.50 | 134,493.00 | 29,996.91 |
| Total operating expenses | 15,508,266.05 | 682,353.54 | 2,093,506.77 | 478,049.75 |
| NET OPERATING INCOME | 7,856,326.25 | 377,210.13 | 845,199.99 | 955,254.07 |
| NON-OPERATING INCOME: | | | | |
| Miscellaneous interest income | 62,547.85 | 382.48 | 5,184.51 | 1,683.05 |
| Income from reserve fund investments | 1,262,819.49 | 95,498.29 | 215,353.36 | 104,026.65 |
| Income from sinking fund investments | 125,808.15 | 7,005.80 | 8,448.49 | 8,267.53 |
| Interest during construction | 2,794.58 | 47.40 | 3,486.94 | 0.92 |
| Miscellaneous non-operating income | 94,083.86 | | | |
| Contributions from others | 66,648.57 | | | |
| Interest and dividends from subsidiaries | 169,464.01 | | | |
| Inter-system interest adjustments | 87,549.68 | 8,882.48 | 84,008.89 | 18,376.67 |
| Total non-operating income | 1,871,716.19 | 111,816.45 | 316,482.19 | 132,354.82 |
| GROSS INCOME | 9,728,042.44 | 489,026.58 | 1,161,682.18 | 1,087,608.89 |
| DEDUCTIONS FROM GROSS INCOME: | | | | |
| Interest on long-term debt: | | | | |
| Debentures in the hands of the public | 2,585,551.45 | 1,029.58 | 333.37 | |
| Ontario Government advances | 7,640,663.29 | 395,995.24 | 967,893.92 | 934,436.30 |
| Repayments of Government advances | *742,793.08* | *41,363.43* | *49,881.35* | *48,812.92* |
| Amortization of debt discount and expense | 14,660.40 | | | |
| Amortization of premium on debt | *41,072.80* | | | |
| Miscellaneous interest deductions | 74,466.44 | 2,196.99 | 7,879.58 | 3,187.98 |
| Total deductions from gross income | 9,531,475.70 | 357,858.38 | 926,225.52 | 888,811.36 |
| NET INCOME | 196,566.74 | 131,168.20 | 235,456.66 | 198,797.53 |
| DISPOSITION OF NET INCOME: | | | | |
| Sinking fund appropriation: | | | | |
| Principal—as per cost statement | 1,973,389.31 | 88,746.21 | 184,228.67 | 148,735.40 |
| Interest at 4% on reserves' balances | 1,102,008.64 | 42,421.99 | 51,227.99 | 50,062.13 |
| Total appropriation | 3,075,397.95 | 131,168.20 | 235,456.66 | 198,797.53 |
| DEFICIENCY AFTER SINKING FUND APPROPRIATION | 2,878,831.21 | | | |

**POWER COMMISSION OF ONTARIO**
**for the Year Ended October 31, 1935**

| Non-System Properties | General purposes and service and administrative buildings and equipment | Radial Railways, Toronto Port Credit St. Catharines Toronto and York | Total for power undertakings operated on a "cost basis" | The Hamilton Street Railway Company—a subsidiary of Niagara System | Properties operated for others | | Combined total, covering all properties vested in, or operated by, the Commission |
|---|---|---|---|---|---|---|---|
| | | | | | Northern Ontario Properties | Guelph Radial Railway | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 23,144.94 | 452,818.77 | ..... | 29,272,130.26 | 920,402.53 | 1,684,376.06 | 62,621.29 | 31,939,530.14 |
| 8,770.05 | ..... | ..... | 9,130,315.36 | ..... | 12,089.83 | ..... | 9,142,405.19 |
| 3,650.36 | 361,141.40 | ..... | 6,072,694.50 | 774,100.74 | 419,546.01 | 67,246.14 | 7,333,587.39 |
| 2,233.66 | 7,938.71 | ..... | 2,185,805.99 | 8,672.13 | 215,896.87 | 512.90 | 2,410,887.89 |
| 283.66 | 14,745.41 | ..... | 1,118,374.15 | ..... | 24,607.45 | 1,299.91 | 1,144,281.51 |
| ..... | ..... | ..... | 11,812.83 | ..... | ..... | ..... | 11,812.83 |
| 2,517.32 | 22,684.12 | ..... | 3,315,992.97 | 8,672.13 | 240,504.32 | 1,812.81 | 3,566,982.23 |
| 1,116.83 | ..... | ..... | 266,898.51 | ..... | 27,199.50 | ..... | 294,098.01 |
| 115.83 | ..... | ..... | 358,951.83 | ..... | 10,136.89 | ..... | 369,088.72 |
| ..... | ..... | ..... | 17,318.85 | ..... | ..... | ..... | 17,318.85 |
| 1,232.66 | ..... | ..... | 643,169.19 | ..... | 37,336.39 | ..... | 680,505.58 |
| 16,170.39 | 383,825.52 | ..... | 19,162,172.02 | 782,772.87 | 709,476.55 | 69,058.95 | 20,723,480.39 |
| 6,974.55 | 68,993.25 | ..... | 10,109,958.24 | 137,629.66 | 974,899.51 | *6,437.66* | 11,216,049.75 |
| 78.92 | 96,087.07 | ..... | 165,963.88 | ..... | ..... | 308.14 | 166,272.02 |
| 457.71 | 20,642.72 | ..... | 1,698,798.22 | ..... | 29,317.43 | 1,846.97 | 1,729,962.62 |
| 46.34 | 1,985.10 | ..... | 151,561.41 | ..... | ..... | 465.51 | 152,026.92 |
| 0.62 | 14,443.90 | 80,339.23 | 101,113.59 | ..... | 5,196.74 | ..... | 106,310.33 |
| ..... | ..... | ..... | 94,083.86 | ..... | ..... | ..... | 94,083.86 |
| ..... | ..... | 142,500.00 | 209,148.57 | ..... | ..... | ..... | 209,148.57 |
| ..... | *31,834.35* | ..... | 137,629.66 | *137,629.66* | ..... | ..... | ..... |
| *548.90* | *95,595.03* | *23,695.45* | 78,978.34 | ..... | *71,770.96* | ..... | 7,207.38 |
| 34.69 | 5,729.41 | 199,143.78 | 2,637,277.53 | *137,629.66* | *37,256.79* | 2,620.62 | 2,465,011.70 |
| 7,009.24 | 74,722.66 | 199,143.78 | 12,747,235.77 | ..... | 937,642.72 | *3,817.04* | 13,681,061.45 |
| ..... | ..... | 142,500.00 | 2,729,414.40 | ..... | 617,647.53 | 15,000.00 | 3,362,061.93 |
| 4,220.43 | 81,401.50 | 36,496.58 | 10,061,107.26 | ..... | 369,888.41 | ..... | 10,430,995.67 |
| *273.61* | *11,720.34* | ..... | *894,844.73* | ..... | ..... | ..... | *894,844.73* |
| ..... | ..... | ..... | 14,660.40 | ..... | ..... | ..... | 14,660.40 |
| ..... | ..... | ..... | *41,072.80* | ..... | ..... | *235.99* | *41,308.79* |
| 420.07 | 8,847.19 | 20,147.20 | 117,145.45 | ..... | 2,896.52 | ..... | 120,041.97 |
| 4,366.89 | 78,528.35 | 199,143.78 | 11,986,409.98 | ..... | 990,432.46 | 14,764.01 | 12,991,606.45 |
| 2,642.35 | *3,805.69* | ..... | 760,825.79 | ..... | *52,789.74* | *18,581.05* | 689,455.00 |
| 2,361.73 | 16,709.26 | ..... | 2,414,170.58 | ..... | 335,264.83 | 3,159.00 | 2,752,594.41 |
| 280.62 | 12,020.27 | ..... | 1,258,021.64 | ..... | ..... | 465.51 | 1,258,487.15 |
| 2,642.35 | 28,729.53 | ..... | 3,672,192.22 | ..... | 335,264.83 | 3,624.51 | 4,011,081.56 |
| ..... | 32,535.22 | ..... | 2,911,366.43 | ..... | 388,054.57 | 22,205.56 | 3,321,626.56 |

## THE HYDRO-ELECTRIC POWER

### Summarization of Cost Distributions

| | Cost of power purchased | Operation maintenance and administration expenses | Net financial expenses and direct interest credits to reserves | Renewals provision |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| NIAGARA SYSTEM: | | | | |
| Municipalities | 5,862,002.07 | 2,746,353.77 | 6,922,536.16 | 997,619.73 |
| Rural power districts | 256,889.06 | 168,528.72 | 356,219.72 | 63,546.59 |
| Companies | 2,066,427.07 | 909,277.95 | 2,237,911.35 | 287,876.66 |
| Local distribution systems | 47,649.85 | 79,978.66 | 74,087.66 | 16,654.95 |
| Operation of power plants, transmission lines and transformer stations | 8,232,968.05 | 3,904,139.10 | 9,590,754.89 | 1,365,697.93 |
| Rural operating | 851,952.21 | 474,122.83 | 300,271.00 | 267,088.56 |
| Intra-system eliminations | *851,952.21* | | | |
| Operating account—power undertakings | 8,232,968.05 | 4,378,261.93 | 9,891,025.89 | 1,632,786.49 |
| Rural lines operated by municipalities | | | 845.80 | 401.17 |
| | 8,232,968.05 | 4,378,261.93 | 9,891,871.69 | 1,633,187.66 |
| GEORGIAN BAY SYSTEM: | | | | |
| Municipalities | 29,561.36 | 266,021.73 | 263,358.44 | 76,980.82 |
| Rural power districts | 6,413.30 | 35,141.81 | 38,077.55 | 11,683.83 |
| Companies and distributing systems | 3,306.97 | 30,012.51 | 31,305.06 | 9,526.12 |
| Operation of power plants, transmission lines and transformer stations | 39,281.63 | 331,176.05 | 332,741.05 | 98,190.77 |
| Rural operating | 104,670.13 | 53,270.75 | 38,720.58 | 32,836.34 |
| Intra-system eliminations | *104,670.13* | | | |
| Operating account—power undertakings | 39,281.63 | 384,446.80 | 371,461.63 | 131,027.11 |
| Rural lines operated by municipalities | | | 153.99 | 56.15 |
| | 39,281.63 | 384,446.80 | 371,615.62 | 131,083.26 |
| EASTERN ONTARIO SYSTEM: | | | | |
| Municipalities | 618,439.85 | 339,162.28 | 447,118.98 | 106,998.59 |
| Rural power districts | 46,179.44 | 36,033.48 | 51,630.84 | 13,820.73 |
| Companies | 172,063.19 | 168,693.39 | 252,600.66 | 57,600.42 |
| Local electric distribution systems | 2,272.08 | 8,066.77 | 6,179.24 | 2,028.54 |
| Local gas distribution system | | 16,440.78 | 1,190.01 | |
| Pulp mill | 10,341.07 | 34,433.93 | 12,405.35 | 2,799.98 |
| Operation of power plants, transmission lines and transformer stations | 849,295.63 | 602,830.63 | 771,125.08 | 183,248.26 |
| Rural operating | 175,110.10 | 116,522.52 | 77,408.44 | 67,591.23 |
| Intra-system eliminations | *175,110.10* | | | |
| Operating account—power undertakings | 849,295.63 | 719,353.15 | 848,533.52 | 250,839.49 |
| THUNDER BAY SYSTEM: | | | | |
| Municipalities | | 162,638.10 | 646,078.46 | 116,616.04 |
| Rural power districts | | 1,187.83 | 2,362.64 | 458.99 |
| Companies | | 58,525.62 | 245,683.71 | 41,067.46 |
| Operation of power plants, transmission lines and transformer stations | | 222,351.55 | 894,124.81 | 158,142.49 |
| Rural operating | 4,168.52 | 3,489.31 | 2,889.18 | 2,380.72 |
| Intra-system eliminations | *4,168.52* | | | |
| Operating account—power undertakings | | 225,840.86 | 897,013.99 | 160,523.21 |
| NON-SYSTEM PROPERTIES: | | | | |
| Bonnechere River storage—Round Lake dam | | 107.78 | 2,330.18 | |
| Nipissing rural power district | 5,020.05 | 2,170.46 | 1,098.62 | 944.76 |
| Manitoulin rural power district | 3,750.00 | 1,372.12 | 1,583.51 | 1,288.90 |
| | 8,770.05 | 3,650.36 | 5,012.31 | 2,233.66 |
| SUNDRY OPERATIONS: | | | | |
| Service buildings and equipment | | 399,492.93 | 19,795.22 | 3,639.54 |
| Administrative office building | | 114,390.30 | 47,935.05 | 4,299.17 |
| Terminal building, Hamilton | | 26,831.93 | 31,834.35 | |
| Inter-departmental charges | | *179,573.76* | | |
| | | 361,141.40 | 99,564.62 | 7,938.71 |
| | 9,130,315.36 | 6,072,694.50 | 12,113,611.75 | 2,185,805.99 |

## COMMISSION OF ONTARIO

### for the Year Ended October 31, 1935

| Obsolescence and contingencies provision | Sinking fund appropriation | Total amount authorized to be charged for power (Section 56) | Amounts received from (or billed against) consumers by the Commission | Amounts remaining to be credited or charged to municipalities and rural power districts | | Total operating revenues | Deficiency (*or surplus*) after sinking fund appropriation |
|---|---|---|---|---|---|---|---|
| | | | | Credited | Charged | | |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ..... | 1,369,167.18 | 17,897,678.91 | 16,297,159.27 | 151,720.66 | 249,151.80 | 16,394,590.41 | 1,503,088.50 |
| ..... | 72,637.62 | 917,821.71 | 851,952.21 | ..... | ..... | 851,952.21 | 65,869.50 |
| ..... | 449,193.93 | 5,950,686 96 | 4,647,981 44 | ..... | ..... | 4,647,981.44 | 1,302,705.52 |
| ..... | 10,791.06 | 229,162.18 | 221,994.49 | ..... | ..... | 221,994.49 | 7,167.69 |
| ..... | 1,901,789.79 | 24,995,349.76 | 22,019,087.41 | 151,720.66 | 249,151.80 | 22,116,518.55 | 2,878,831.21 |
| 133,544.28 | 71,238.47 | 2,098,217.35 | 2,123,547.16 | 89,605.14 | 64,275.33 | 2,098,217.35 | ..... |
| ..... | ..... | *851,952.21* | *851,952.21* | ..... | ..... | *851,952.21* | ..... |
| 133,544.28 | 1,973,028.26 | 26,241,614.90 | 23,290,682.36 | 241,325.80 | 313,427.13 | 23,362,783.69 | 2,878,831.21 |
| 200.59 | 361.05 | 1,808.61 | 1,808.61 | ..... | ..... | 1,808.61 | ..... |
| 133,744.87 | 1,973,389.31 | 26,243,423.51 | 23,292,490.97 | 241,325.80 | 313,427.13 | 23,364,592.30 | 2,878,831.21 |
| 21,678.36 | 63,112.81 | 720,713.52 | 824,099.65 | 96,940.48 | 1,616.63 | 728,775.80 | *8,062.28* |
| 3,205.44 | 9,076.10 | 103,598.03 | 104,670.13 | ..... | ..... | 104,670.13 | *1,072.10* |
| 3,060.11 | 7,380.45 | 84,591.22 | 75,456.84 | ..... | ..... | 75,456.84 | 9,134.38 |
| 27,943.91 | 79,569.36 | 908,902.77 | 1,004,226.62 | 96,940.48 | 1,616.63 | 908,902.77 | ..... |
| 16,418.17 | 9,126.31 | 255,042.28 | 255,141.45 | 14,531.28 | 14,432.11 | 255,042.28 | ..... |
| ..... | ..... | *104,670.13* | *104,670.13* | ..... | ..... | *104,670.13* | ..... |
| 44,362.08 | 88,695.67 | 1,059,274.92 | 1,154,697.94 | 111,471.76 | 16,048.74 | 1,059,274.92 | ..... |
| 28.07 | 50.54 | 288.75 | 288.75 | ..... | ..... | 288.75 | ..... |
| 44,390.15 | 88,746.21 | 1,059,563.67 | 1,154,986.69 | 111,471.76 | 16,048.74 | 1,059,563.67 | ..... |
| 33,363.53 | 100,216.47 | 1,645,299.70 | 1,998,698.84 | 241,382.83 | 51.52 | 1,757,367.53 | *112,067.83* |
| 4,019.75 | 11,691.01 | 163,375.25 | 175,110.10 | ..... | ..... | 175,110.10 | *11,734.85* |
| 14,335.52 | 51,146.99 | 716,440.17 | 617,971.36 | ..... | ..... | 617,971.36 | 98,468.81 |
| 268.72 | 844.76 | 19,660.11 | 24,727.23 | ..... | ..... | 24,727.23 | *5,067.12* |
| ..... | ..... | 17,630.79 | 15,705.42 | ..... | ..... | 15,705.42 | 1,925.37 |
| 695.49 | 2,209.32 | 62,885.14 | 34,409.52 | ..... | ..... | 34,409.52 | 28,475.62 |
| 52,683.01 | 166,108.55 | 2,625,291.16 | 2,866,622.47 | 241,382.83 | 51.52 | 2,625,291.16 | ..... |
| 33,773.29 | 18,120.12 | 488,525.70 | 491,418.30 | 18,935.31 | 16,042.71 | 488,525.70 | ..... |
| ..... | ..... | *175,110.10* | *175,110.10* | ..... | ..... | *175,110.10* | ..... |
| 86,456.30 | 184,228.67 | 2,938,706.76 | 3,182,930.67 | 260,318.14 | 16,094.23 | 2,938,706.76 | ..... |
| ..... | 100,004.40 | 1,025,337.00 | 960,605.24 | 3,980.97 | 78.87 | 956,703.14 | 68,633.86 |
| ..... | 380.84 | 4,390.30 | 4,168.52 | ..... | ..... | 4,168.52 | 221.78 |
| ..... | 47,723.44 | 393,000.23 | 461,855.87 | ..... | ..... | 461,855.87 | *68,855.64* |
| ..... | 148,108.68 | 1,422,727.53 | 1,426,629.63 | 3,980.97 | 78.87 | 1,422,727.53 | ..... |
| 1,190.36 | 626.72 | 14,744.81 | 13,612.96 | 663.09 | 1,794.94 | 14,744.81 | ..... |
| ..... | ..... | *4,168.52* | *4,168.52* | ..... | ..... | *4,168.52* | ..... |
| 1,190.36 | 148,735.40 | 1,433,303.82 | 1,436,074.07 | 4,644.06 | 1,873.81 | 1,433,303.82 | ..... |
| ..... | 1,738.94 | 4,176.90 | 4,176.90 | ..... | ..... | 4,176.90 | ..... |
| 472.38 | 252.63 | 9,958.90 | 10,706.79 | 747.89 | ..... | 9,958.90 | ..... |
| 644.45 | 370.16 | 9,009.14 | 8,382.18 | ..... | 626.96 | 9,009.14 | ..... |
| 1,116.83 | 2,361.73 | 23,144.94 | 23,265.87 | 747.89 | 626.96 | 23,144.94 | ..... |
| ..... | 5,593.03 | 428,520.72 | 428,365.34 | ..... | ..... | 428,365.34 | 155.38 |
| ..... | 11,116.23 | 177,740.75 | 165,022.87 | ..... | ..... | 165,022.87 | 12,717.88 |
| ..... | ..... | 58,666.28 | 26,131.06 | ..... | ..... | 26,131.06 | 32,535.22 |
| ..... | ..... | *179,573.76* | *166,700.50* | ..... | ..... | *166,700.50* | *12,873.26* |
| ..... | 16,709.26 | 485,353.99 | 452,818.77 | ..... | ..... | 452,818.77 | 32,535.22 |
| 266,898.51 | 2,414,170.58 | 32,183,496.69 | 29,542,567.04 | 618,507.65 | 348,070.87 | 29,272,130.26 | 2,911,366.43 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1935

### NIAGARA SYSTEM

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants | | | | | | |
| Niagara River: | | | | | | |
| Queenst'n-Chippawa | *22,846.53* | | | 48,051,352.56 | 28,805,016.59 | 76,856,369.15 |
| Ontario Power Co. | *748.68* | | 7,281,270.44 | | 14,750,902.08 | 22,032,172.52 |
| Toronto Power Co. | *556.97* | | 3,683,475.94 | 140,035.66 | 7,697,945.93 | 11,521,457.53 |
| Ottawa River: | | | | | | |
| Chats Falls H-E.P.C. 50% share | 34,165.45 | | | 262,783.19 | 5,170,448.29 | 5,433,231.48 |
| H-E.P.C. lands, etc. | 803,671.86 | 895,909.82 | | 645,249.04 | 60,576.22 | 705,825.26 |
| Welland Canal: | | | | | | |
| DeCew Falls | *368,681.70 | | *8,178,518.87 | 165,785.00 | 3,347,591.05 | 11,691,894.92 |
| Hamilton steam plant | | | | 501,611.42 | | 501,611.42 |
| | 1,182,366.83 | 895,909.82 | 19,143,265.25 | 49,766,816.87 | 59,832,480.16 | 128,742,562.28 |
| Transformer Stations | | | | | | |
| Southern Ontario | 41,752.34 | 10,934.40 | | | 26,495,091.12 | 26,495,091.12 |
| Eastern–Chats Falls | 34,630.77 | 81,407.34 | | | 8,817,742.22 | 8,817,742.22 |
| | 76,383.11 | 92,341.74 | | | 35,312,833.34 | 35,312,833.34 |
| Transmission Lines | | | | | | |
| Southern Ontario: | | | | | | |
| Right-of-way | 11,704.86 | | | 6,892,467.31 | | 6,892,467.31 |
| Lines | 133,015.34 | 33,635.53 | | | 18,551,570.09 | 18,551,570.09 |
| Eastern–Chats Falls: | | | | | | |
| Right-of-way | 63,153.85 | | | 1,633,345.10 | | 1,633,345.10 |
| Lines | *21,931.11* | 25,262.97 | | | 7,476,355.22 | 7,476,355.22 |
| | 185,942.94 | 58,898.50 | | 8,525,812.41 | 26,027,925.31 | 34,553,737.72 |
| Local Systems | | | | | | |
| Niagara Peninsula and Dundas areas | 4,973.07 | | | | 243,778.98 | 243,778.98 |
| Sub-total | 1,449,665.95 | 1,047,150.06 | 19,143,265.25 | 58,292,629.28 | 121,417,017.79 | 198,852,912.32 |
| Rural Power Districts | | | | | | |
| H-E.P.C. investment | 265,931.84 | 15,209.74 | | | 6,888,546.24 | 6,888,546.24 |
| Government grants | 268,660.83 | 15,152.72 | | | 6,805,812.58 | 6,805,812.58 |
| | 534,592.67 | 30,362.46 | | | 13,694,358.82 | 13,694,358.82 |
| Rural Lines | | | | | | |
| Welland and Milton | 0.90 | | | | 20,058.42 | 20,058.42 |
| Lincoln Electric | | | | | | |
| St. Catharines System | *40.00* | | | | 187,467.86 | 187,467.86 |
| | 1,984,219.52 | 1,077,512.52 | 19,143,265.25 | 58,292,629.28 | 135,318,902.89 | 212,754,797.42 |

*Includes a book adjustment of $350,000.00 on account of loss on sale of Highway King Coach Lines.

| | Cost statements | Transfers for cost purposes | Fixed Assets (as above) |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Cost of Power schedules | 198,807,662.41 | 45,249.91 | 198,852,912.32 |
| Rural Operating schedules | 6,933,796.15 | *45,249.91* | 6,888,546.24 |
| Rural Lines schedule | 20,058.42 | | 20,058.42 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1935

### GEORGIAN BAY SYSTEM

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants | | | | | | |
| Musquash River: | | | | | | |
| Bala No. 1 & 2 Plants | 156.55 | | 39,929.64 | 1,810.00 | 50,440.70 | 92,180.34 |
| Severn River: | | | | | | |
| Wasdells | | | 15,202.32 | | 132,033.25 | 147,235.57 |
| Big Chute | *64.40* | 41.29 | 123,590.48 | | 548,685.62 | 672,276.10 |
| Beaver River: | | | | | | |
| Eugenia | 4,008.77 | 841.14 | | 139,891.41 | 1,065,374.49 | 1,205,265.90 |
| Saugeen River: | | | | | | |
| Hanover & Maple Hill | *34.70* | | | 16,000.00 | 29,882.55 | 45,882.55 |
| Walkerton | *577.45* | | 97,721.83 | | 115,759.03 | 213,480.86 |
| Southampton | *221.93* | | 69,739.07 | | 74,447.30 | 144,186.37 |
| Muskoka River: | | | | | | |
| South Falls | *435.41* | | 17,365.93 | | 436,999.40 | 454,365.33 |
| Trethewey Falls | *118.88* | | | 51,475.13 | 305,516.82 | 356,991 95 |
| Hanna Chute | | | | 36,120.82 | 207,624.55 | 243,745.37 |
| Hollow Lake dam | | | | 16,555.34 | 29,540.16 | 46,095.50 |
| | 2,712.55 | 882.43 | 363,549.27 | 261,852.70 | 2,996,303.87 | 3,621,705.84 |
| Transformer Stations | 671.83 | 610.13 | | | 1,156,128.48 | 1,156,128.48 |
| Transmission Lines | *20,116.11* | 1,174.75 | | | 2,563,829.50 | 2,563,829.50 |
| Local Systems | 2,671.01 | | | | 83,749.81 | 83,749.81 |
| Sub-total | *14,060.72* | 2,667.31 | 363,549.27 | 261,852.70 | 6,800,011.66 | 7,425,413.63 |
| Rural Power Districts | | | | | | |
| H-E.P.C. investment | 64,984.75 | 4,264.87 | | | 894,384.47 | 894,384.47 |
| Government grants | 58,944.11 | 4,264.86 | | | 810,676.82 | 810,676.82 |
| | 123,928.86 | 8,529.73 | | | 1,705,061.29 | 1,705,061.29 |
| Rural Lines | | | | | | |
| Brechin & Flesherton | | | | | 2,807.43 | 2,807.43 |
| | 109,868.14 | 11,197.04 | 363,549.27 | 261,852.70 | 8,507,880.38 | 9,133,282.35 |

| | Cost statements | Transfers for cost purposes | Preliminary Expenditures | Fixed Assets (as above) |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| Cost of Power schedules | 7,563,079.05 | 10,998.67 | 148,664.09 | 7,425,413.63 |
| Rural Operating schedules | 905,383.14 | *10,998.67* | | 894,384.47 |
| Rural Lines schedule | 2,807.43 | | | 2,807.43 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1935

### EASTERN ONTARIO SYSTEM

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants | | | | | | |
| Fenelon River: | | | | | | |
| Fenelon Falls | *50.00* | | 60,000.00 | | 84,974.33 | 144,974.33 |
| Otonabee River: | | | | | | |
| Auburn | *2,794.10* | | 31,400.00 | | 286,875.92 | 318,275.92 |
| Trent River: | | | | | | |
| Heely Falls | 1.34 | | | | 1,186,844.43 | 1,186,844.43 |
| Seymour | *263.00* | | | | 299,745.74 | 299,745.74 |
| Ranney Falls | 250.41 | | | | 1,339,156.92 | 1,339,156.92 |
| Hagues Reach | *8,697.51* | | | | 573,744.30 | 573,744.30 |
| Meyersburg | *3,967.76* | | | | 836,863.47 | 836,863.47 |
| Frankford | 10.25 | | | | 252,083.13 | 252,083.13 |
| Sydney | 560.56 | 62.11 | | | 251,840.78 | 251,840.78 |
| Misc. equipment | *20.00* | | | | 46,504.47 | 46,504.47 |
| Mississippi River: | | | | | | |
| High Falls | | | | 11,988.84 | 685,488.80 | 697,477.64 |
| Carleton Place | | | | 9,054.06 | 49,847.10 | 58,901.16 |
| Intangibles | | 7.00 | 2,315,727.98 | | | 2,315,727.98 |
| Galetta | 29,859.04 | | | 20,000.00 | 76,657.18 | 96,657.18 |
| Madawaska River: | | | | | | |
| Calabogie | *38,083.78* | | | 79,991.00 | 660,152.02 | 740,143.02 |
| Storage dams | | | | 2,555.00 | 12,855.82 | 15,410.82 |
| | *23,194.55* | 69.11 | 2,407,127.98 | 123,588.90 | 6,643,634.41 | 9,174,351.29 |
| Transformer Stations | 40,509.46 | 15,443.23 | | | 2,646,511.39 | 2,646,511.39 |
| Transmission Lines | 123,070.94 | 92,480.66 | | 164,335.43 | 4,122,708.63 | 4,287,044.06 |
| Local and Rural Systems | 2,463.16 | | | | 202,952.27 | 202,952.27 |
| Miscellaneous | | | | | | |
| Campbellford Pulp Mill | | | | | 52,559.93 | 52,559.93 |
| Cobourg Gas Works | 21,73 | | | | 26,487.86 | 26,487.86 |
| | 21.73 | | | | 79,047.79 | 79,047.79 |
| Sub-total | 142,870.74 | 107,993.00 | 2,407,127.98 | 287,924.33 | 13,694,854.49 | 16,389,906.80 |
| Rural Power Districts | | | | | | |
| H-E.P.C. investment | 102,041.92 | 10,872.93 | | | 1,761,417.10 | 1,761,417.10 |
| Government grants | 101,630.78 | 10,872.93 | | | 1,726,498.43 | 1,726,498.43 |
| | 203,672.70 | 21,745.86 | | | 3,487,915.53 | 3,487,915.53 |
| | 346,543.44 | 129,738.86 | 2,407,127.98 | 287,924.33 | 17,182,770.02 | 19,877,822.33 |

| | Cost statements | Transfers for cost purposes | Miscellaneous Investments | Preliminary Expenditures | Fixed Assets (as above) |
|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Cost of Power schedules | 17,308,764.09 | 25,945.82 | 6,375.00 | 938,428.11 | 16,389,906.80 |
| Rural Operating schedules | 1,787,362.92 | *25,945.82* | | | 1,761,417.10 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1935

### THUNDER BAY SYSTEM

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Power Plants | | | | | | |
| Nipigon River: | | | | | | |
| Cameron Falls | *9,166.81* | | | 236,600.51 | 8,786,984.89 | 9,023,585.40 |
| Alexander | *3,544.58* | 547.50 | | 76,898.44 | 5,374,585.63 | 5,451,484.07 |
| Virgin Falls dam | | | | 55,450.41 | 426,736.74 | 482,187.15 |
| Deficit 1921-23 | | | 620,818.33 | | | 620,818.33 |
| | *12,711.39* | 547.50 | 620,818.33 | 368,949.36 | 14,588,307.26 | 15,578,074.95 |
| Transformer Stations | 1,096.36 | 203.21 | | | 1,012,368.12 | 1,012,368.12 |
| Transmission Lines | 79.08 | | | 213,193.71 | 1,704,310.54 | 1,917,504.25 |
| Sub-total | *11,535.95* | 750.71 | 620,818.33 | 582,143.07 | 17,304,985.92 | 18,507,947.32 |
| Rural Power Districts | | | | | | |
| H-E.P.C. investment | 1,807.35 | | | | 60,376.27 | 60,376.27 |
| Government grants | 1,807.35 | | | | 60,376.27 | 60,376.27 |
| | 3,614.70 | | | | 120,752.54 | 120,752.54 |
| | *7,921.25* | 750.71 | 620,818.33 | 582,143.07 | 17,425,738.46 | 18,628,699.86 |

| | Cost statements | Preliminary Expenditures | Fixed Assets (as above) |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Cost of Power schedules | 18,608,755.15 | 100,807.83 | 18,507,947.32 |
| Rural Operating schedules | 60,376.27 | | 60,376.27 |

### SERVICE & ADMINISTRATIVE BUILDINGS & EQUIPMENT

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| Administrative Buildings | $ c. | | | $ c. | $ c. | $ c. |
| Toronto: | | | | | | |
| University Avenue | 840,923.87 | | | 195,837.00 | 1,448,871.80 | 1,644,708.80 |
| Elm & Centre Streets | | | | 160,821.95 | | 160,821.95 |
| | 840,923.87 | | | 356,658.95 | 1,448,871.80 | 1,805,530.75 |
| Service Buildings and Equipment | | | | | | |
| Toronto | *3,731.99* | | | | 510,111.41 | 510,111.41 |
| Cobourg | | | | | 21,629.08 | 21,629.08 |
| Hamilton | | | | 441,439.88 | 308,560.12 | 750,000.00 |
| | *3,731.99* | | | 441,439.88 | 840,300.61 | 1,281,740.49 |
| | 837,191.88 | | | 798,098.83 | 2,289,172.41 | 3,087,271.24 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Fixed Assets—October 31, 1935

### NON-SYSTEM PROPERTIES

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Bonnechere River Storage | | | | | | |
| Round Lake dam | *40.00* | | | | 23,185.58 | 23,185.58 |
| Deficit 1917-31 | | | 28,556.30 | | | 28,556.30 |
| | *40.00* | | 28,556.30 | | 23,185.58 | 51,741.88 |
| Nipissing Rural Power District | | | | | | |
| H-E.P.C. investment | 4,554.19 | 6.69 | | | 27,298.71 | 27,298.71 |
| Government grants | 4,554.20 | 6.68 | | | 26,554.98 | 26,554.98 |
| | 9,108.39 | 13.37 | | | 53,853.69 | 53,853.69 |
| Manitoulin Rural Power District | | | | | | |
| Transformer station | | | | | 5,098.11 | 5,098.11 |
| Transmission lines | *157.12* | | | | 30,217.63 | 30,217.63 |
| | *157.12* | | | | 35,315.74 | 35,315.74 |
| Government grants | *6.11* | | | | 29,454.44 | 29,454.44 |
| | *163.23* | | | | 64,770.18 | 64,770.18 |
| | 8,905.16 | 13.37 | 28,556.30 | | 141,809.45 | 170,365.75 |

### SUMMARY

| | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Niagara System | 1,984,219.52 | 1,077,512.52 | 19,143,265.25 | 58,292,629.28 | 135,318,902.89 | 212,754,797.42 |
| Thunder Bay System | *7,921.25* | 750.71 | 620,818.33 | 582,143.07 | 17,425,738.46 | 18,628,699.86 |
| Georgian Bay System | 109,868.14 | 11,197.04 | 363,549.27 | 261,852.70 | 8,507,880.38 | 9,133,282.35 |
| Eastern Ontario System | 346,543.44 | 129,738.86 | 2,407,127.98 | 287,924.33 | 17,182,770.02 | 19,877,822.33 |
| Non-System Properties | 8,905.16 | 13.37 | 28,556.30 | | 141,809.45 | 170,365.75 |
| Service and administrative buildings and equipment | 837,191.88 | | | 798,098.83 | 2,289,172.41 | 3,087,271.24 |
| | 3,278,806.89 | 1,219,212.50 | 22,563,317.13 | 60,222,648.21 | 180,866,273.61 | 263,652,238.95 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## CAPITAL EXPENDITURES AND GRANTS—RURAL POWER DISTRICTS

### Summary at October 31, 1935.

**Statement showing the extents to which Grants stand Authorized by Orders-in-Council under the Rural Hydro-Electric Distribution Act, and the amounts of such Grants Paid over by the Province to the Commission under such authorization up to October 31, 1935; also the total Capital Expenditures on the construction of Primary and Secondary Lines in Rural Power Districts and the amounts of the Grants (fifty per cent of both Primary and Secondary Lines) claimed from the Province of Ontario up to October 31, 1935.**

| System | Grants authorized by Orders-in-Council | Amounts paid by Province under such authorizations | Total capital expenditures on Rural Power Districts | *Grants claimed from the Province (50% of primary and secondary lines) |
|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. |
| Niagara System | 7,886,846.94 | 6,819,990.39 | 13,724,721.28 | 6,820,965.30 |
| Georgian Bay System | 952,517.49 | 814,810.71 | 1,713,591.02 | 814,941.68 |
| Eastern Ontario System, including Ottawa and Madawaska Districts | 2,025,804.65 | 1,737,053.68 | 3,509,661.39 | 1,737,371.36 |
| Thunder Bay System | 74,007.00 | 60,376.27 | 120,752.54 | 60,376.27 |
| Non-System Properties: | | | | |
| Nipissing | 29,687.50 | 26,561.66 | 53,867.06 | 26,561.66 |
| Manitoulin | 32,289.00 | 29,454.44 | 59,672.07 | 29,454.44 |
| Totals | 11,001,152.58 | 9,488,247.15 | 19,182,265.36 | 9,489,670.71 |
| Additional sum authorized by above Orders-in-Council and paid over to the Commission but not allocated as between rural power districts | | 21,860.95 | | |
| | 11,001,152.58 | 9,510,108.10 | 19,182,265.36 | 9,489,670.71 |

*Grants not made by Province in respect of a summer resort, street lighting systems in 66 districts, service buildings in 2 districts and amounts paid for business already established (hereinafter called Intangible Assets) in 9 rural distribution systems purchased from private companies.

NOTE—

| | | |
|---|---|---|
| The amount of cash paid over by the Province to the Commission up to October 31, 1935, on account of authorized grants to rural power districts—as above set out—amounts to | $9,510,108.10 | |
| The Grants claimed from the Province—as above set out—in respect of rural power districts as at October 31, 1935, amount in the aggregate to | 9,489,670.71 | |
| A balance of | | $20,437.39 |
| Which balance represents: | | |
| (A) Grant funds in the hands of the Commission at October 31, 1935, not allocated but to apply against the construction of authorized rural power districts and extension to existing districts | $ 21,860.95 | |
| *Less:* | | |
| (B) Grants (or balance thereof) payable by the Province to the Commission in respect of certain rural power districts completed, or under construction | 1,423.56 | |
| | | $20,437.39 |

## THE HYDRO-ELECTRIC POWER

### Power Accounts Receivable

| System or Property | Wholesale power consumers | | | |
|---|---|---|---|---|
| | Interim power bills | Accumulated amount standing as a charge or credit on October 31, 1935 | | Net total for wholesale consumers |
| | | Charge | Credit | |
| | $ c. | $ c. | $ c. | $ c. |
| NIAGARA SYSTEM: | | | | |
| Municipalities | 1,672,442.64 | 283,505.82 | 155,422.47 | 1,800,525.99 |
| Companies | 1,165,062.51 | ........ | ........ | 1,165,062.51 |
| Local and rural | ........ | ........ | ........ | ........ |
| Lincoln Electric | ........ | ........ | ........ | ........ |
| | 2,837,505.15 | 283,505.82 | 155,422.47 | 2,965,588.50 |
| GEORGIAN BAY SYSTEM: | | | | |
| Municipalities | 104,243.92 | 1,537.58 | 104,729.93 | 1,051.57 |
| Companies | 3,744.93 | ........ | ........ | 3,744.93 |
| Local and rural | ........ | ........ | ........ | ........ |
| | 107,988.85 | 1,537.58 | 104,729.93 | 4,796.50 |
| EASTERN ONTARIO SYSTEM: | | | | |
| Municipalities | 225,248.20 | 50.69 | 246,095.11 | *20,796.22* |
| Companies | 60,698.34 | ........ | ........ | 60,698.34 |
| Rural | ........ | ........ | ........ | ........ |
| Local | ........ | ........ | ........ | ........ |
| | 285,946.54 | 50.69 | 246,095.11 | 39,902.12 |
| THUNDER BAY SYSTEM: | | | | |
| Municipalities | 83,737.20 | 446.00 | 2,916.20 | 81,267.00 |
| Companies | 39,247.53 | ........ | ........ | 39,247.53 |
| Rural | ........ | ........ | ........ | ........ |
| | 122,984.73 | 446.00 | 2,916.20 | 120,514.53 |
| NON-SYSTEM PROPERTIES: | | | | |
| Nipissing rural | ........ | ........ | ........ | ........ |
| Manitoulin rural | ........ | ........ | ........ | ........ |
| | ........ | ........ | ........ | ........ |
| Grand total | 3,354,425.27 | 285,540.09 | 509,163.71 | 3,130,801.65 |

## COMMISSION OF ONTARIO

—October 31, 1935

| Retail power consumers—Local and rural districts | Net total of power accounts receivable | Balance sheet figures | | Debit balances three months or more overdue |
|---|---|---|---|---|
| | | Debit balances | Credit balances | |
| $ c. | $ c. | $ c. | $ c. | $ c. |
| ........ | 1,800,525.99 | 1,815,405.80 | 14,879.81 | 153.88 |
| ........ | 1,165,062.51 | 1,165,106.80 | 44.29 | *731,046.34 |
| 470,943.65 | 470,943.65 | 470,943.65 | ........ | 57,038.90 |
| 7,346.14 | 7,346.14 | 7,346.14 | ........ | 421.56 |
| 478,289.79 | 3,443,878.29 | 3,458,802.39 | 14,924.10 | 788,660.68 |
| ........ | 1,051.57 | 27,632.13 | 26,580.56 | 1,630.50 |
| ........ | 3,744.93 | 3,744.93 | ........ | ........ |
| 71,957.08 | 71,957.08 | 71,957.08 | ........ | 7,218.25 |
| 71,957.08 | 76,753.58 | 103,334.14 | 26,580.56 | 8,848.75 |
| ........ | *20,796.22* | 28,281.29 | 49,077.51 | ........ |
| ........ | 60,698.34 | 60,698.34 | ........ | ........ |
| 135,594.10 | 135,594.10 | 135,594.10 | ........ | 12,860.61 |
| 10,316.83 | 10,316.83 | 10,316.83 | ........ | 631.30 |
| 145,910.93 | 185,813.05 | 234,890.56 | 49,077.51 | 13,491.91 |
| ........ | 81,267.00 | 81,324.32 | 57.32 | ........ |
| ........ | 39,247.53 | 39,247.53 | ........ | ........ |
| 3,816.75 | 3,816.75 | 3,816.75 | ........ | 1,367.85 |
| 3,816.75 | 124,331.28 | 124,388.60 | 57.32 | 1,367.85 |
| 1,939.03 | 1,939.03 | 1,939.03 | ........ | 98.06 |
| 3,282.17 | 3,282.17 | 3,282.17 | ........ | ........ |
| 5,221.20 | 5,221.20 | 5,221.20 | ........ | 98.06 |
| 705,195.75 | 3,835,997.40 | 3,926,636.89 | 90,639.49 | 812,467.25 |

*Items included in the amount of $731,046.34—Niagara System, Companies, overdue accounts —presently under settlement negotiations:

| | |
|---|---|
| Department of Railways and Canals, Ottawa | $468,027.21 |
| Maple Leaf Milling Company Limited | 190,336.07 |
| Canadian Aggregates Limited | 72,068.27 |
| | $730,431.55 |

THE HYDRO-ELECTRIC POWER

Funded Debt Issued or

| Description | Application of proceeds |
|---|---|
| Niagara System: | |
| 5% H.E.P.C. debentures | Dom. Power & Trans. Co. |
| 4½% " " | Toronto Power Co. |
| 5% " " Toronto Power Co. issue | Toronto Power Co. |
| 6% " " | Toronto Power Co. |
| 6% " " | T. & Y. R.R. Equipment |
| 6% " " Ontario Power Co. issue | Ontario Power Co. |
| 3½% " " | Refunding D. P. & T. Co., etc. |
| 5% Ontario Power Co. bonds | Ontario Power Co. |
| 5% Ontario Transmission Co. bonds | Ontario Trans Co. |
| 4% H.E.P.C. debentures Ontario Power Co. issue | Ontario Power Co. |
| 4% " " Essex County Lt. & Pr. issue | Essex System |
| 4% " " James Battle issue | Thorold System |
| 4¾% " " | Dom. Power & Trans. Co. |
| Municipal debentures assumed | Rural Lines |
| Georgian Bay System: | |
| Gravenhurst debentures assumed | Muskoka Power |
| Brock Twp. " " | Rural Lines |
| Eastern Ontario System: | |
| Municipal debentures assumed | Rural Lines |
| Radial Railways: | |
| 6% H.E. Railway bonds | T. & Y. Radial |
| Funded debt as shown on the balance sheet of The Hydro-Electric Power Commission of Ontario | |
| Northern Ontario Properties: | |
| 3½/4/5% H-E.P.C. debentures | Ontario Power Serv. Corp. |
| Guelph Radial Railway: | |
| 5% H.E. Rly bonds | Extensions and Betterments |
| Funded debt relating to all properties vested in, or operated by the Commission | |
| Hydro-Radial Debentures Assumed by S. W. & A. Rly. Co. and the Province of Ontario: | |
| 5% H.E. Rly. bonds | Essex County Rly. |
| 5% " " " | " " " |
| 5% " " " | " " " |
| 5% " " " | " " " |
| 4½% " " " | " " " |
| 6% " " " | " " " |
| Total funded debt in the hands of the public | |
| Treasury Securities Pledged with Bank of Montreal: | |
| 5% H.E. Rly. bonds | Pt. C. & St. C. Radial |
| Total funded debt issued or assumed | |
| Guaranteed by the Province of Ontario | |
| Unguaranteed | |

## COMMISSION OF ONTARIO

**Assumed—October 31, 1935**

| Date of issue | Date of maturity | Principal outstanding October 31, 1935 | Interest for the year 1934-35 | Interest accrued October 31, 1935 |
|---|---|---|---|---|
| | | $ c. | $ c. | $ c. |
| January 1, 1930 | January 1, 1935 | 8,000,000.00 | 66,302.00 | .................. |
| February 1, 1933 | February 1, 1938 | 9,000,000.00 | 405,277.40 | 101,250.00 |
| June 16, 1924 | June 15, 1939 | 4,000,000.00 | 200,000.00 | 75,000.00 |
| December 1, 1920 | December 1, 1940 | 413,200.00 | 24,792.00 | 10,330.00 |
| December 1, 1920 | December 1, 1940 | 205,800.00 | 12,348.00 | 5,145.00 |
| June 24, 1921 | June 24, 1941 | 3,200,000.00 | 192,001.37 | 67,857.53 |
| January 1, 1935 | January 1, 1943 | 10,000,000.00 | 290,707.76 | 116,666.66 |
| February 1, 1903 | February 1, 1943 | 7,680,000.00 | 381,463.02 | 96,000.00 |
| May 1, 1905 | May 1, 1945 | 1,221,000.00 | 62,232.38 | .................. |
| August 1, 1917 | August 1, 1957 | 8,000,000.00 | 320,000.00 | 80,000.00 |
| June 1, 1918 | June 1, 1958 | 200,000.00 | 8,000.00 | 3,333.34 |
| December 1, 1918 | December 1, 1958 | 100,000.00 | 4,000.00 | 1,666.67 |
| January 1, 1930 | January 1, 1970 | 13,000,000.00 | 616,938.33 | 205,833.33 |
| | | 57,020,000.00 | 2,584,062.26 | 763,082.53 |
| Various | Various | 16,744.73 | 1,489.19 | 763.21 |
| | | 57,036,744.73 | 2,585,551.45 | 763,845.74 |
| Various | Various | 10,597.19 | 978.98 | 421.80 |
| Various | Various | 762.62 | 50.60 | 2.30 |
| | | 11,359.81 | 1,029.58 | 424.10 |
| Various | Various | 5,286.83 | 333.37 | 245.10 |
| December 1, 1920 | December 1, 1940 | 2,375,000.00 | 142,500.00 | 59,375.00 |
| .................................. | .................................. | 59,428,391.37 | 2,729,414.40 | 823,889.94 |
| October 1, 1932 | October 1, 1952 | 17,626,950.00 | 617,647.53 | 51,411.94 |
| May 1, 1931 | November 1, 1970 | 300,000.00 | 15,000.00 | .................. |
| .................................. | .................................. | 77,355,341.37 | 3,362,061.93 | 875,301.88 |
| September 1, 1923 | September 1, 1943 | 966,205.00 | .................. | .................. |
| July 1, 1925 | July 1, 1945 | 750,000.00 | .................. | .................. |
| September 1, 1925 | September 1, 1945 | 100,000.00 | .................. | .................. |
| July 15, 1926 | July 15, 1946 | 1,000,000.00 | .................. | .................. |
| April 1, 1920 | April 1, 1960 | 2,100,000.00 | .................. | .................. |
| July 1, 1921 | July 1, 1961 | 900,000.00 | .................. | .................. |
| | | 5,816,205.00 | .................. | .................. |
| .................................. | .................................. | 83,171,546.37 | 3,362,061.93 | 875,301.88 |
| November 1, 1919 | November 1, 1969 | 1,200,000.00 | .................. | .................. |
| .................................. | .................................. | 84,371,546.37 | 3,362,061.93 | 875,301.88 |
| .................................. | .................................. | 84,338,155.00 | 3,359,209.79 | 873,869.47 |
| .................................. | .................................. | 33,391.37 | 2,852.14 | 1,432.41 |
| | | 84,371,546.37 | 3,362,061.93 | 875,301.88 |

### THE HYDRO-ELECTRIC POWER

**Renewals Reserves—**

| | Niagara System | Georgian Bay System |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1934 | 20,971,390.61 | 1,593,426.02 |
| Adjustments—prior years | 3,407.11 | 6,017.16 |
| | 20,967,983.50 | 1,587,408.86 |
| Renewals provisions for the year: | | |
| Principal—as per cost statement | 1,633,187.66 | 131,083.26 |
| Interest at 4% on reserves' balances | 838,634.46 | 63,496.35 |
| Contributed—Chats Falls | 11,812.83 | ........ |
| Total provision | 2,483,634.95 | 194,579.61 |
| Adjustments re transfers of equipment | 1,305.32 | 1,099.58 |
| Sub-total | 23,452,923.77 | 1,783,088.05 |
| Expenditures for the year | 173,960.64 | 19,423.74 |
| Balances at October 31, 1935 | 23,278,963.13 | 1,763,664.31 |
| Account balances: | | |
| Power plants, transmission lines and transformer stations | 20,934,188.70 | 1,561,238.67 |
| Rural power districts | 2,340,151.19 | 201,751.74 |
| Rural lines | 4,623.24 | 673.90 |
| Nipissing rural power district | ........ | ........ |
| Manitoulin rural power district | ........ | ........ |
| Administrative office building | ........ | ........ |
| Service buildings and equipment | ........ | ........ |
| | 23,278,963.13 | 1,763,664.31 |

## COMMISSION OF ONTARIO

October 31, 1935

| Eastern Ontario System | Thunder Bay System | Non-System Properties | Service and administrative buildings and equipment | Total for power undertakings operated on a "cost basis" |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,490,857.20 | 1,542,219.32 | 8,199.83 | 450,428.50 | 28,056,521.48 |
| 2,719.72 | ........................ | 1,108.28 | ........................ | 13,252.27 |
| 3,488,137.48 | 1,542,219.32 | 7,091.55 | 450,428.50 | 28,043,269.21 |
| 250,839.49 | 160,523.21 | 2,233.66 | 7,938.71 | 2,185,805.99 |
| 139,525.50 | 61,688.77 | 283.66 | 14,745.41 | 1,118,374.15 |
| ........................ | ........................ | ........................ | ........................ | 11,812.83 |
| 390,364.99 | 222,211.98 | 2,517.32 | 22,684.12 | 3,315,992.97 |
| 22.85 | ........................ | ........................ | ........................ | 2,427.75 |
| 3,878,525.32 | 1,764,431.30 | 9,608.87 | 473,112.62 | 31,361,689.93 |
| 28,048.08 | 599.81 | 28.14 | 5,093.58 | 227,153.99 |
| 3,850,477.24 | 1,763,831.49 | 9,580.73 | 468,019.04 | 31,134,535.94 |
| | | | | |
| 3,431,375.76 | 1,753,219.31 | ........................ | ........................ | 27,680,022.44 |
| 419,101.48 | 10,612.18 | ........................ | ........................ | 2,971,616.59 |
| ........................ | ........................ | ........................ | ........................ | 5,297.14 |
| ........................ | ........................ | 5,928.94 | ........................ | 5,928.94 |
| ........................ | ........................ | 3,651.79 | ........................ | 3,651.79 |
| ........................ | ........................ | ........................ | 130,775.70 | 130,775.70 |
| ........................ | ........................ | ........................ | 337,243.34 | 337,243.34 |
| 3,850,477.24 | 1,763,831.49 | 9,580.73 | 468,019.04 | 31,134,535.94 |

## THE HYDRO-ELECTRIC POWER

### Obsolescence and Contingencies

| | Niagara System | Georgian Bay System |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1934 | 6,570,115.56 | 497,067.46 |
| Adjustments—prior years | *16,884.48* | 683.70 |
| | 6,587,000.04 | 496,383.76 |
| Obsolescence and contingencies provisions for the year: | | |
| Principal—as per cost statement | 133,744.87 | 44,390.15 |
| Interest at 4% on reserves' balances | 262,337.40 | 19,655.35 |
| Contributed—Chats Falls | 17,318.85 | ........................ |
| Total provision | 413,401.12 | 64,045.50 |
| Profits from sale of securities | 3,329.81 | 252.74 |
| Sub-total | 7,003,730.97 | 560,682.00 |
| Contingencies met with during the year | 284,293.75 | 61,808.78 |
| Amounts transferred to fire insurance reserve | 27,500.00 | 5,000.00 |
| Deficiency after sinking fund appropriation: | | |
| Power properties | 2,878,831.21 | ........................ |
| Terminal building, Hamilton | 32,535.22 | ........................ |
| Total charges | 3,223,160.18 | 66,808.78 |
| Balances at October 31, 1935 | 3,780,570.79 | 493,873.22 |
| Account balances: | | |
| Power plants, transmission lines, transformer stations and rural power districts | 3,778,184.19 | 493,575.46 |
| Rural lines | 2,386.60 | 297.76 |
| Nipissing rural power district | ........................ | ........................ |
| Manitoulin rural power district | ........................ | ........................ |
| | 3,780,570.79 | 493,873.22 |

## COMMISSION OF ONTARIO

**Reserves—October 31, 1935**

| Eastern Ontario System | Thunder Bay System | Non-System Properties | Total for power undertakings operated on a "cost basis" |
|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. |
| 1,211,725.38 | 727,663.84 | 2,908.66 | 9,009,480.90 |
| 807.82 | .......... | 12.87 | *15,380.09* |
| 1,210,917.56 | 727,663.84 | 2,895.79 | 9,024,860.99 |
| 86,456.30 | 1,190.36 | 1,116.83 | 266,898.51 |
| 48,036.70 | 28,806.55 | 115.83 | 358,951.83 |
| .......... | .......... | .......... | 17,318.85 |
| 134,493.00 | 29,996.91 | 1,232.66 | 643,169.19 |
| 568.56 | 274.43 | .......... | 4,425.54 |
| 1,345,979.12 | 757,935.18 | 4,128.45 | 9,672,455.72 |
| 37,738.99 | 3,905.69 | 63.69 | 387,810.90 |
| 10,000.00 | 7,500.00 | .......... | 50,000.00 |
| .......... | .......... | .......... | 2,878,831.21 |
| .......... | .......... | .......... | 32,535.22 |
| 47,738.99 | 11,405.69 | 63.69 | 3,349,177.33 |
| 1,298,240.13 | 746,529.49 | 4,064.76 | 6,323,278.39 |
| 1,298,240.13 | 746,529.49 | .......... | 6,316,529.27 |
| .......... | .......... | .......... | 2,684.36 |
| .......... | .......... | 2,271.09 | 2,271.09 |
| .......... | .......... | 1,793.67 | 1,793.67 |
| 1,298,240.13 | 746,529.49 | 4,064.76 | 6,323,278.39 |

## THE HYDRO-ELECTRIC POWER

### Sinking Fund Reserves

| | Niagara System | Georgian Bay System |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1934 | 27,551,041.34 | 1,063,405.39 |
| Adjustments—prior years | 52.50 | 2,855.45 |
| | 27,550,988.84 | 1,060,549.94 |
| Sinking fund appropriations for the year: | | |
| Principal—as per cost statement | 1,973,389.31 | 88,746.21 |
| Interest at 4% on reserves' balances | 1,102,008.64 | 42,421.99 |
| Total appropriation | 3,075,397.95 | 131,168.20 |
| Balances at October 31, 1935 | 30,626,386.79 | 1,191,718.14 |
| Account balances: | | |
| Systems | 30,015,677.66 | 1,135,159.84 |
| Rural power districts | 598,255.67 | 55,539.72 |
| Rural lines | 12,453.46 | 1,018.58 |
| Bonnechere River storage system | .................... | .................... |
| Nipissing rural power district | .................... | .................... |
| Manitoulin rural power district | .................... | .................... |
| Administrative office buildings | .................... | .................... |
| Service buildings and equipment | .................... | .................... |
| | 30,626,386.79 | 1,191,718.14 |

### COMMISSION OF ONTARIO

**—October 31, 1935**

| Eastern Ontario System | Thunder Bay System | Non-System Properties | Service and administrative buildings and equipment | Total for power undertakings operated on a "cost basis" |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,281,767.77 | 1,251,553.24 | 7,022.93 | 300,507.13 | 31,455,297.80 |
| 2,820.03 | ........ | 7.57 | ........ | 5,735.55 |
| 1,278,947.74 | 1,251,553.24 | 7,015.36 | 300,507.13 | 31,449,562.25 |
| 184,228.67 | 148,735.40 | 2,361.73 | 16,709.26 | 2,414,170.58 |
| 51,227.99 | 50,062.13 | 280.62 | 12,020.27 | 1,258,021.64 |
| 235,456.66 | 198,797.53 | 2,642.35 | 28,729.53 | 3,672,192.22 |
| 1,514,404.40 | 1,450,350.77 | 9,657.71 | 329,236.66 | 35,121,754.47 |
| 1,404,829.75 | 1,448,526.20 | ........ | ........ | 34,004,193.45 |
| 109,574.65 | 1,824.57 | ........ | ........ | 765,194.61 |
| ........ | ........ | ........ | ........ | 13,472.04 |
| ........ | ........ | 7,373.03 | ........ | 7,373.03 |
| ........ | ........ | 1,225.19 | ........ | 1,225.19 |
| ........ | ........ | 1,059.49 | ........ | 1,059.49 |
| ........ | ........ | ........ | 187,626.19 | 187,626.19 |
| ........ | ........ | ........ | 141,610.47 | 141,610.47 |
| 1,514,404.40 | 1,450,350.77 | 9,657.71 | 329,236.66 | 35,121,754.47 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO
### Account with
### The Provincial Treasurer of the Province of Ontario
### For the Year Ended October 31, 1935

### ADVANCES FROM THE PROVINCE OF ONTARIO

| | Total | Northern Ontario Properties operated for the Province of Ontario | Niagara and other systems operated on a "cost basis" |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| ADVANCES FOR CAPITAL EXPENDITURES | | | |
| Cash advances made by the Province to the Commission for capital expenditure purposes during the years 1909 to 1934 inclusive | 207,250,258.34 | 8,272,477.97 | 198,977,780.37 |
| Cash returned by the Commission to the Province on April 30, 1935, to cover the difference between advances made by the Province to the Commission during the year ended October 31, 1934 and the capital expenditures made out of such advances by the Commission in that year | 247,507.98 | 73,624.21 | 173,883.77 |
| Total advances for capital expenditures | 207,002,750.36 | 8,198,853.76 | 198,803,896.60 |
| REPAYMENTS OF ADVANCES | | | |
| Cash repayments made by the Commission to the Province during the years 1926 to 1934 inclusive, under debt retirement plan | 19,421,015.06 | | 19,421,015.06 |
| Cash repayment made by the Commission to the Province on October 31, 1935 | 2,410,683.65 | | 2,410,683.65 |
| Total cash repayments of advances | 21,831,698.71 | | 21,831,698.71 |
| Balance owing to the Province of Ontario at October 31, 1935 | 185,171,051.65 | 8,198,853.76 | 176,972,197.89 |

### INTEREST, COMMISSION AND EXCHANGE CHARGES ON THE ABOVE ADVANCES

| | | | |
|---|---|---|---|
| Interest for the year ended October 31, 1935 on advances for capital expenditures | 10,430,995.67 | 369,888.41 | 10,061,107.26 |
| *Less*—Interest for the year ended October 31, 1935 on repayments of advances | 894,844.73 | | 894,844.73 |
| | 9,536,150.94 | 369,888.41 | 9,166,262.53 |
| Sundry charges in the year ended October 31, 1935 for interest, commission and exchange—net | 7,872.13 | | |
| | 9,544,023.07 | | |
| Payment by the Commission to the Province on March 31, 1935 on account of interest and other debt charges | 4,026,760.87 | | |
| Payment by the Commission to the Province on October 31, 1935, being balance of interest and other debt charges for the year ended October 31, 1935 | 5,517,262.20 | | |
| | 9,544,023.07 | | |

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## DETAILED STATEMENTS

### FOR MUNICIPALITIES AND RURAL POWER DISTRICTS

For the Year ended October 31, 1935

| | |
|---|---|
| **Cost of Power** | Charges to Municipalities and Rural Power Districts |
| **Rural Operating** | Charges to Rural Power Districts |
| **Credit or Charge** | Accumulated Balances of Municipalities and Rural Power Districts on account of Annual Cost Adjustments |
| **Sinking Fund** | Equities of Municipalities and Rural Power Districts |

## NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year To Oct. 31, 1935 | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|
| | | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Acton | 33.00 | 301,887.72 | 1,089.6 | 10,623.52 | 5,739.84 | 14,361.92 |
| Agincourt | 40.00 | 49,122.87 | 144.3 | 1,406.91 | 1,022.47 | 2,304.28 |
| Ailsa Craig | 51.00 | 34,816.38 | 86.6 | 844.34 | 1,060.79 | 1,585.79 |
| Alvinston | 90.00 | 50,020.50 | 79.8 | 778.04 | 1,659.32 | 2,254.97 |
| Amherstburg | 38.00 | 189,737.58 | 615.7 | 6,003.03 | 5,271.47 | 8,924.80 |
| Ancaster twp | 32.00 | 64,517.96 | 245.7 | 2,395.56 | 1,991.79 | 3,077.66 |
| Arkona | 75.00 | 29,888.39 | 49.8 | 485.55 | 1,002.18 | 1,363.18 |
| Aylmer | 36.00 | 136,680.75 | 472.2 | 4,603.92 | 3,357.52 | 6,445.61 |
| Ayr | 35.00 | 47,153.07 | 171.3 | 1,670.16 | 1,087.76 | 2,231.05 |
| Baden | 33.00 | 73,064.92 | 266.0 | 2,593.48 | 1,942.26 | 3,427.69 |
| Beachville | 33.00 | 103,444.39 | 379.2 | 3,697.17 | 2,454.03 | 4,863.20 |
| Belle River | 40.00 | 40,250.35 | 127.3 | 1,241.17 | 1,260.94 | 1,893.68 |
| Blenheim | 39.00 | 107,599.81 | 344.9 | 3,362.75 | 3,235.70 | 5,029.78 |
| Blyth | 56.00 | 40,517.32 | 92.0 | 896.99 | 1,244.95 | 1,870.47 |
| Bolton | 44.00 | 40,454.19 | 114.9 | 1,120.27 | 1,178.87 | 1,863.01 |
| Bothwell | 47.00 | 34,022.18 | 99.6 | 971.09 | 1,466.58 | 1,559.52 |
| Brampton | 31.50 | 521,496.36 | 2,110.8 | 20,580.15 | 14,280.80 | 24,887.69 |
| Brantford | 27.00 | 3,112,829.34 | 13,381.3 | 130,466.72 | 57,174.21 | 149,013.94 |
| Brantford twp | 32.00 | 136,960.40 | 566.8 | 5,526.26 | 4,717.88 | 6,584.45 |
| Bridgeport | 36.00 | 33,700.10 | 112.1 | 1,092.97 | 815.66 | 1,599.20 |
| Brigden | 65.00 | 32,905.42 | 62.2 | 606.45 | 1,047.79 | 1,490.27 |
| Brussels | 54.00 | 46,477.04 | 111.1 | 1,083.22 | 1,396.75 | 2,145.21 |
| Burford | 35.00 | 40,730.27 | 138.5 | 1,350.37 | 997.84 | 1,917.40 |
| Burgessville | 55.00 | 13,439.36 | 30.5 | 297.37 | 508.29 | 612.13 |
| Caledonia | 32.00 | 67,927.31 | 258.3 | 2,518.41 | 1,560.35 | 3,223.66 |
| Campbellville | 60.00 | 12,904.32 | 26.9 | 262.27 | 475.31 | 594.88 |
| Cayuga | 48.00 | 43,463.70 | 101.1 | 985.72 | 1,160.62 | 2,003.21 |
| Chatham | 31.00 | 1,115,677.08 | 4,316.2 | 42,082.64 | 26,631.12 | 52,918.34 |
| Chippawa | 25.00 | 48,335.08 | 238.8 | 2,328.28 | 1,381.28 | 2,346.82 |
| Clifford | 60.00 | 28,931.84 | 59.2 | 577.20 | 750.91 | 1,329.00 |
| Clinton | 39.00 | 142,066.70 | 450.1 | 4,388.44 | 3,751.07 | 6,645.98 |
| Comber | 50.00 | 48,759.67 | 126.2 | 1,230.44 | 1,250.64 | 2,240.28 |
| Cottam | 44.00 | 21,262.55 | 58.7 | 572.32 | 658.56 | 995.10 |
| Courtright | 75.00 | 20,805.70 | 35.6 | 347.10 | 702.52 | 945.04 |
| Dashwood | 53.00 | 22,245.12 | 54.9 | 535.27 | 572.43 | 1,019.25 |
| Delaware | 38.00 | 10,947.83 | 40.3 | 392.92 | 621.67 | 514.39 |
| Dorchester | 42.00 | 28,542.09 | 86.3 | 841.42 | 871.98 | 1,326.59 |
| Drayton | 60.00 | 43,098.01 | 89.9 | 876.52 | 1,225.22 | 1,973.17 |
| Dresden | 45.00 | 94,370.57 | 272.0 | 2,651.98 | 2,988.38 | 4,383.09 |
| Drumbo | 43.00 | 19,393.05 | 59.3 | 578.17 | 521.07 | 905.24 |

**SYSTEM** *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,514.74 | 2,902.78 | 36,142.80 | 2,724.00 | 33,418.80 | 35,957.04 | 2,538.24 | ............ |
| 439.82 | 480.67 | 5,654.15 | 360.75 | 5,293.40 | 5,771.64 | 478.24 | ............ |
| 360.19 | 343.93 | 4,195.04 | 216.50 | 3,978.54 | 4,414.34 | 435.80 | ............ |
| 597.79 | 506.47 | 5,796.59 | 199.50 | 5,597.09 | 7,179.00 | 1,581.91 | ............ |
| 1,656.02 | 1,841.69 | 23,697.01 | 1,539.25 | 22,157.76 | 23,397.51 | 1,239.75 | ............ |
| 515.91 | 616.96 | 8,597.88 | 614.25 | 7,983.63 | 7,862.61 | ............ | 121.02 |
| 353.14 | 302.10 | 3,506.15 | 124.50 | 3,381.65 | 3,736.84 | 355.19 | ............ |
| 1,172.28 | 1,319.51 | 16,898.84 | 1,180.50 | 15,718.34 | 16,998.60 | 1,280.26 | ............ |
| 390.28 | 453.09 | 5,832.34 | 428.25 | 5,404.09 | 5,994.88 | 590.79 | ............ |
| 602.57 | 702.31 | 9,268.31 | 665.00 | 8,603.31 | 8,777.16 | 173.85 | ............ |
| 846.22 | 991.69 | 12,852.31 | 948.00 | 11,904.31 | 12,513.04 | 608.73 | ............ |
| 357.89 | 391.66 | 5,145.34 | 318.25 | 4,827.09 | 5,093.28 | 266.19 | ............ |
| 959.41 | 1,045.44 | 13,633.08 | 862.25 | 12,770.83 | 13,449.12 | 678.29 | ............ |
| 435.49 | 403.62 | 4,851.52 | 230.00 | 4,621.52 | 5,151.03 | 529.51 | ............ |
| 391.37 | 396.85 | 4,950.37 | 287.25 | 4,663.12 | 5,056.30 | 393.18 | ............ |
| 321.31 | 332.96 | 4,651.46 | 249.00 | 4,402.46 | 4,681.95 | 279.49 | ............ |
| 3,901.60 | 4,956.21 | 68,606.45 | 5,277.00 | 63,329.45 | 66,488.84 | 3,159.39 | ............ |
| 23,253.21 | 29,551.10 | 389,459.18 | 33,453.25 | 356,005.93 | 352,275.83 | ............ | 3,730.10 |
| 1,003.43 | 1,297.07 | 19,129.09 | 1,417.00 | 17,712.09 | 18,136.49 | 424.40 | ............ |
| 297.32 | 326.42 | 4,131.57 | 280.25 | 3,851.32 | 4,036.89 | 185.57 | ............ |
| 374.70 | 330.73 | 3,849.94 | 155.50 | 3,694.44 | 4,041.33 | 346.89 | ............ |
| 489.11 | 461.60 | 5,575.89 | 277.75 | 5,298.14 | 5,997.15 | 699.01 | ............ |
| 355.66 | 394.50 | 5,015.77 | 346.25 | 4,669.52 | 4,846.28 | 176.76 | ............ |
| 144.87 | 133.68 | 1,696.34 | 76.25 | 1,620.09 | 1,676.07 | 55.98 | ............ |
| 544.26 | 649.93 | 8,496.61 | 645.75 | 7,850.86 | 8,264.75 | 413.89 | ............ |
| 143.62 | 129.07 | 1,605.15 | 67.25 | 1,537.90 | 1,614.50 | 76.60 | ............ |
| 463.53 | 430.23 | 5,043.31 | 252.75 | 4,790.56 | 4,854.40 | 63.84 | ............ |
| 8,543.65 | 10,652.06 | 140,827.81 | 10,790.50 | 130,037.31 | 133,802.42 | 3,765.11 | ............ |
| 298.99 | 448.41 | 6,803.78 | 597.00 | 6,206.78 | 5,970.16 | ............ | 236.62 |
| 323.02 | 289.76 | 3,269.89 | 148.00 | 3,121.89 | 3,552.50 | 430.61 | ............ |
| 1,286.70 | 1,382.26 | 17,454.45 | 1,125.25 | 16,329.20 | 17,042.65 | 713.45 | ............ |
| 492.08 | 481.52 | 5,694.96 | 315.50 | 5,379.46 | 6,309.14 | 929.68 | ............ |
| 205.52 | 209.03 | 2,640.53 | 146.75 | 2,493.78 | 2,582.05 | 88.27 | ............ |
| 244.04 | 210.05 | 2,448.75 | 89.00 | 2,359.75 | 2,669.35 | 309.60 | ............ |
| 231.16 | 220.01 | 2,578.12 | 137.25 | 2,440.87 | 2,910.97 | 470.10 | ............ |
| 87.42 | 103.75 | 1,720.15 | 100.75 | 1,619.40 | 1,532.34 | ............ | 87.06 |
| 264.21 | 276.23 | 3,580.43 | 215.75 | 3,364.68 | 3,623.69 | 259.01 | ............ |
| 477.90 | 431.15 | 4,983.96 | 224.75 | 4,759.21 | 5,392.50 | 633.29 | ............ |
| 899.35 | 924.65 | 11,847.45 | 680.00 | 11,167.45 | 12,238.46 | 1,071.01 | ............ |
| 181.41 | 189.36 | 2,375.25 | 148.25 | 2,227.00 | 2,551.30 | 324.30 | ............ |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year To Oct. 31, 1935 | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|
| | | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Dublin | 59.00 | 16,571.99 | 33.6 | 327.60 | 593.35 | 754.02 |
| Dundas | 27.00 | 336,323.39 | 1,457.9 | 14,214.42 | 6,075.06 | 16,046.65 |
| Dunnville | 32.00 | 221,943.73 | 814.3 | 7,939.37 | 3,622.13 | 10,544.38 |
| Dutton | 38.00 | 60,003.94 | 205.4 | 2,002.64 | 2,013.38 | 2,807.89 |
| East Windsor | 32.00 | 754,083.66 | 2,721.0 | 26,529.55 | 16,478.14 | 35,683.66 |
| Elmira | 36.00 | 187,756.54 | 633.0 | 6,171.70 | 3,811.15 | 8,763.46 |
| Elora | 36.00 | 83,853.35 | 276.3 | 2,693.91 | 1,938.63 | 3,898.87 |
| Embro | 48.00 | 32,228.65 | 92.5 | 901.87 | 1,194.82 | 1,493.01 |
| Erieau | 56.00 | 29,096.72 | 67.3 | 656.17 | 833.32 | 1,346.22 |
| Erie Beach | 70.00 | 6,424.89 | 13.0 | 126.75 | 252.76 | 294.85 |
| Essex | 36.00 | 111,356.94 | 362.1 | 3,530.45 | 2,518.90 | 5,242.01 |
| Etobicoke twp. | 28.00 | 908,019.28 | 3,755.5 | 36,615.86 | 19,174.88 | 43,648.29 |
| Exeter | 39.00 | 124,876.93 | 386.1 | 3,764.45 | 3,156.98 | 5,827.90 |
| Fergus | 36.00 | 262,782.22 | 893.3 | 8,709.61 | 5,522.17 | 12,402.06 |
| Fonthill | 36.00 | 29,175.85 | 119.8 | 1,168.04 | 1,263.91 | 1,406.21 |
| Forest | 48.00 | 120,775.15 | 319.4 | 3,114.13 | 3,581.16 | 5,609.21 |
| Galt | 27.00 | 1,369,036.59 | 5,712.9 | 55,700.36 | 28,738.84 | 65,187.10 |
| Georgetown | 37.00 | 316,121.31 | 1,032.5 | 10,066.80 | 6,512.95 | 14,832.45 |
| Glencoe | 58.00 | 73,254.16 | 160.4 | 1,563.89 | 2,320.90 | 3,364.08 |
| Goderich | 43.00 | 352,787.49 | 988.7 | 9,639.75 | 10,524.04 | 16,344.03 |
| Granton | 53.00 | 23,915.00 | 61.7 | 601.57 | 1,177.04 | 1,102.23 |
| Guelph | 28.00 | 1,978,173.66 | 8,349.6 | 81,408.00 | 40,538.66 | 94,690.11 |
| Hagersville | 33.00 | 160,098.72 | 527.9 | 5,146.99 | 2,987.09 | 7,427.16 |
| Hamilton | 24.50 | 19,556,689.32 | 89,883.8 | 876,360.64 | 327,574.18 | 951,098.68 |
| Harriston | 44.00 | 102,292.84 | 290.9 | 2,836.25 | 2,823.40 | 4,751.51 |
| Harrow | 39.00 | 106,515.52 | 329.2 | 3,209.68 | 2,645.91 | 5,013.48 |
| Hensall | 52.00 | 62,408.06 | 146.3 | 1,426.41 | 1,328.62 | 2,878.66 |
| Hespeler | 29.00 | 434,601.49 | 1,804.6 | 17,594.72 | 9,324.48 | 20,887.80 |
| Highgate | 47.00 | 24,694.09 | 65.5 | 638.62 | 827.75 | 1,130.29 |
| Humberstone | 29.00 | 84,548.24 | 341.8 | 3,332.53 | 1,642.82 | 4,059.89 |
| Ingersoll | 29.00 | 519,922.06 | 2,036.3 | 19,853.78 | 11,376.47 | 24,683.26 |
| Jarvis | 40.00 | 53,936.73 | 143.7 | 1,401.06 | 1,194.50 | 2,505.17 |
| Kingsville | 38.00 | 138,943.94 | 423.8 | 4,132.02 | 3,508.33 | 6,502.44 |
| Kitchener | 27.00 | 3,887,510.90 | 16,314.8 | 159,068.13 | 75,216.35 | 186,073.86 |
| Lambeth | 42.00 | 32,671.51 | 102.5 | 999.37 | 1,289.10 | 1,529.20 |
| LaSalle | 35.00 | 56,651.81 | 187.8 | 1,831.04 | 1,584.86 | 2,675.96 |
| Leamington | 37.00 | 373,095.19 | 1,146.8 | 11,181.22 | 9,187.37 | 17,558.91 |
| Listowel | 37.00 | 259,040.13 | 870.3 | 8,485.36 | 6,996.14 | 12,201.65 |
| London | 26.00 | 7,103,901.86 | 30,613.0 | 298,474.55 | 141,612.92 | 340,930.95 |
| London Railway Commission | | 284,237.88 | 953.9 | 9,300.46 | 9,308.05 | 13,197.30 |

**SYSTEM** *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it**
**reserve of the system and proportionately applied in reduction of such**
**Municipality; and the amount remaining to be credited or**
**supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 185.55 | 166.01 | 2,026.53 | 84.00 | 1,942.53 | 1,982.34 | 39.81 | ........ |
| 2,364.55 | 3,171.77 | 41,872.45 | 3,644.75 | 38,227.70 | 39,362.34 | 1,134.64 | ........ |
| 1,872.07 | 2,131.67 | 26,109.62 | 2,035.75 | 24,073.87 | 26,056.53 | 1,982.66 | ........ |
| 513.27 | 576.31 | 7,913.49 | 513.50 | 7,399.99 | 7,804.54 | 404.55 | ........ |
| 6,051.97 | 7,249.96 | 91,993.28 | 6,802.50 | 85,190.78 | 87,071.97 | 1,881.19 | ........ |
| 1,640.82 | 1,816.51 | 22,203.64 | 1,582.50 | 20,621.14 | 22,789.20 | 2,168.06 | ........ |
| 747.13 | 812.91 | 10,091.45 | 690.75 | 9,400.70 | 9,945.00 | 544.30 | ........ |
| 311.30 | 315.53 | 4,216.53 | 231.25 | 3,985.28 | 4,439.20 | 453.92 | ........ |
| 308.73 | 289.30 | 3,433.74 | 168.25 | 3,265.49 | 3,765.96 | 500.47 | ........ |
| 71.70 | 64.35 | 810.41 | 32.50 | 777.91 | 911.69 | 133.78 | ........ |
| 970.73 | 1,080.87 | 13,342.96 | 905.25 | 12,437.71 | 13,034.52 | 596.81 | ........ |
| 6,543.69 | 8,584.74 | 114,567.46 | 9,388.75 | 105,178.71 | 105,153.72 | ........ | 24.99 |
| 1,154.84 | 1,216.72 | 15,120.89 | 965.25 | 14,155.64 | 15,059.17 | 903.53 | ........ |
| 2,274.32 | 2,529.09 | 31,437.25 | 2,233.25 | 29,204.00 | 32,157.90 | 2,953.90 | ........ |
| 223.67 | 277.00 | 4,338.83 | 299.50 | 4,039.33 | 4,312.50 | 273.17 | ........ |
| 1,201.14 | 1,190.77 | 14,696.41 | 798.50 | 13,897.91 | 15,329.20 | 1,431.29 | ........ |
| 9,952.53 | 12,967.75 | 172,546.58 | 14,282.25 | 158,264.33 | 154,247.56 | ........ | 4,016.77 |
| 2,834.13 | 3,067.39 | 37,313.72 | 2,581.25 | 34,732.47 | 38,202.54 | 3,470.07 | ........ |
| 794.39 | 730.63 | 8,773.89 | 401.00 | 8,372.89 | 9,304.61 | 931.72 | ........ |
| 3,437.19 | 3,465.08 | 43,410.09 | 2,471.75 | 40,938.34 | 41,275.23 | 336.89 | ........ |
| 244.01 | 236.18 | 3,361.03 | 154.25 | 3,206.78 | 3,268.46 | 61.68 | ........ |
| 14,240.44 | 18,713.00 | 249,590.21 | 20,874.00 | 228,716.21 | 233,789.55 | 5,073.34 | ........ |
| 1,431.87 | 1,552.62 | 18,545.73 | 1,319.75 | 17,225.98 | 17,422.02 | 196.04 | ........ |
| 128,498.73 | 183,212.88 | 2,466,745.11 | 224,709.50 | 2,242,035.61 | 2,202,153.40 | ........ | 39,882.21 |
| 989.12 | 1,003.93 | 12,404.21 | 727.25 | 11,676.96 | 12,799.01 | 1,122.05 | ........ |
| 961.44 | 1,038.06 | 12,868.57 | 823.00 | 12,045.57 | 12,837.48 | 791.91 | ........ |
| 663.94 | 619.93 | 6,917.56 | 365.75 | 6,551.81 | 7,605.83 | 1,054.02 | ........ |
| 3,176.05 | 4,118.89 | 55,101.94 | 4,511.50 | 50,590.44 | 52,333.98 | 1,743.54 | ........ |
| 244.43 | 242.22 | 3,083.31 | 163.75 | 2,919.56 | 3,076.89 | 157.33 | ........ |
| 649.35 | 803.62 | 10,488.21 | 854.50 | 9,633.71 | 9,911.67 | 277.96 | ........ |
| 4,021.51 | 4,958.45 | 64,893.47 | 5,090.75 | 59,802.72 | 59,052.56 | ........ | 750.16 |
| 545.11 | 531.69 | 6,177.53 | 359.25 | 5,818.28 | 5,745.96 | ........ | 72.32 |
| 1,265.02 | 1,355.53 | 16,763.34 | 1,059.50 | 15,703.84 | 16,105.62 | 401.78 | ........ |
| 28,014.87 | 36,796.86 | 485,170.07 | 40,787.00 | 444,383.07 | 440,498.26 | ........ | 3,884.81 |
| 299.04 | 317.72 | 4,434.43 | 256.25 | 4,178.18 | 4,305.00 | 126.82 | ........ |
| 487.00 | 549.03 | 7,127.89 | 469.50 | 6,658.39 | 6,572.36 | ........ | 86.03 |
| 3,379.85 | 3,637.66 | 44,945.01 | 2,867.00 | 42,078.01 | 42,432.62 | 354.61 | ........ |
| 2,252.11 | 2,507.15 | 32,442.41 | 2,175.75 | 30,266.66 | 32,201.54 | 1,934.88 | ........ |
| 49,643.02 | 67,041.89 | 897,703.33 | 76,532.50 | 821,170.83 | 795,937.95 | ........ | 25,232.88 |
| 2,489.67 | 2,750.86 | 37,046.34 | 2,384.75 | 34,661.59 | 29,821.96 | ........ | 4,839.63 |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year To Oct. 31, 1935 | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|
| | | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| London twp. | 34.00 | 101,860.76 | 378.8 | 3,693.27 | 2,947.67 | 4,874.80 |
| Long Branch | 30.00 | 170,958.91 | 680.4 | 6,633.85 | 3,291.71 | 8,261.18 |
| Lucan | 38.00 | 38,145.35 | 131.5 | 1,282.12 | 1,317.85 | 1,774.99 |
| Lynden | 40.00 | 26,175.17 | 87.3 | 851.17 | 554.65 | 1,211.59 |
| Markham | 43.00 | 72,525.85 | 242.5 | 2,364.36 | 1,941.96 | 3,423.79 |
| Merlin | 48.00 | 28,607.36 | 76.8 | 748.79 | 749.70 | 1,314.69 |
| Merritton | 23.00 | 676,350.90 | 3,466.5 | 33,798.13 | 13,749.94 | 33,368.54 |
| Milton | 35.00 | 168,893.79 | 587.5 | 5,728.08 | 5,369.78 | 7,804.77 |
| Milverton | 36.00 | 74,199.92 | 243.2 | 2,371.18 | 1,846.86 | 3,413.28 |
| Mimico | 26.00 | 472,607.08 | 2,086.6 | 20,344.20 | 9,868.28 | 22,782.56 |
| Mitchell | 33.00 | 120,360.64 | 432.2 | 4,213.92 | 3,815.18 | 5,642.30 |
| Moorefield | 65.00 | 20,231.69 | 40.2 | 391.95 | 824.08 | 922.37 |
| Mount Brydges | 42.00 | 27,511.18 | 92.0 | 896.99 | 1,173.50 | 1,283.56 |
| Newbury | 54.00 | 17,681.98 | 43.2 | 421.20 | 647.55 | 817.38 |
| New Hamburg | 35.00 | 121,577.99 | 411.7 | 4,014.05 | 3,441.67 | 5,689.37 |
| New Toronto | 30.00 | 1,427,351.83 | 5,690.6 | 55,482.94 | 27,104.39 | 68,133.67 |
| Niagara Falls | 19.00 | 1,586,729.14 | 8,737.3 | 85,188.04 | 28,196.35 | 77,958.05 |
| Niagara-on-the-Lake | 27.00 | 103,142.81 | 504.0 | 4,913.96 | 2,808.39 | 5,022.61 |
| Norwich | 35.00 | 89,970.39 | 307.7 | 3,000.05 | 2,409.44 | 4,204.25 |
| Oil Springs | 44.00 | 63,055.91 | 174.7 | 1,703.31 | 1,770.26 | 2,908.52 |
| Otterville | 46.00 | 29,902.66 | 81.6 | 795.59 | 773.25 | 1,388.19 |
| Palmerston | 40.00 | 125,093.58 | 394.4 | 3,845.37 | 3,621.90 | 5,846.28 |
| Paris | 28.00 | 276,931.98 | 1,143.7 | 11,151.00 | 6,473.44 | 13,165.05 |
| Parkhill | 62.00 | 66,663.91 | 126.3 | 1,231.42 | 1,537.77 | 3,035.24 |
| Petrolia | 40.00 | 277,196.71 | 842.7 | 8,216.26 | 7,673.22 | 12,883.50 |
| Plattsville | 55.00 | 26,218.35 | 62.7 | 611.32 | 709.50 | 1,204.69 |
| Point Edward | 40.00 | 284,081.80 | 1,010.3 | 9,850.35 | 9,713.38 | 13,533.88 |
| Port Colborne | 29.00 | 317,736.16 | 1,284.5 | 12,523.78 | 5,978.55 | 15,197.55 |
| Port Credit | 34.00 | 149,297.31 | 554.9 | 5,410.24 | 4,585.20 | 7,100.87 |
| Port Dalhousie | 30.00 | 133,897.19 | 561.1 | 5,470.68 | 3,768.92 | 6,443.84 |
| Port Dover | 40.00 | 94.361.86 | 296.3 | 2,888.90 | 2,122.52 | 4,433.42 |
| Port Rowan | 62.00 | 28,202.43 | 61.5 | 599.62 | 713.66 | 1,295.56 |
| Port Stanley | 40.00 | 121,648.26 | 385.0 | 3,753.72 | 2,849.52 | 5,686.87 |
| Preston | 27.00 | 562,035.54 | 2,383.4 | 23,238.00 | 12,466.77 | 26,675.38 |
| Princeton | 50.00 | 38,004.03 | 102.4 | 998.39 | 942.75 | 1,771.86 |
| Queenston | 29.00 | 21,713.52 | 100.1 | 975.97 | 628.19 | 1,049.89 |
| Richmond Hill | 35.00 | 88,772.21 | 314.2 | 3,063.43 | 2,477.76 | 4,225.09 |
| Ridgetown | 38.00 | 123,773.98 | 400.7 | 3,906.80 | 3,679.60 | 5,795.03 |
| Riverside | 34.00 | 289,035.06 | 957.3 | 9,333.61 | 5,545.70 | 13,623.78 |
| Rockwood | 42.00 | 31,953.76 | 92.6 | 902.84 | 643.56 | 1,483.35 |

SYSTEM *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 823.65 | 976.55 | 13,315.94 | 947.00 | 12,368.94 | 12,880.01 | 511.07 | .......... |
| 1,288.64 | 1,627.71 | 21,103.09 | 1,701.00 | 19,402.09 | 20,413.25 | 1,011.16 | .......... |
| 327.70 | 368.33 | 5,070.99 | 328.75 | 4,742.24 | 4,996.02 | 253.78 | .......... |
| 232.13 | 253.49 | 3,103.03 | 218.25 | 2,884.78 | 3,493.76 | 608.98 | .......... |
| 588.16 | 701.81 | 9,020.08 | 606.25 | 8,413.83 | 10,426.76 | 2,012.93 | .......... |
| 283.48 | 281.82 | 3,378.48 | 192.00 | 3,186.48 | 3,688.64 | 502.16 | .......... |
| 3,896.27 | 6,243.06 | 91,055.94 | 8,666.25 | 82,389.69 | 79,728.91 | .......... | 2,660.78 |
| 1,442.78 | 1,629.96 | 21,975.37 | 1,468.75 | 20,506.62 | 20,562.43 | 55.81 | .......... |
| 656.52 | 719.69 | 9,007.53 | 608.00 | 8,399.53 | 8,754.87 | 355.34 | .......... |
| 3,176.74 | 4,447.56 | 60,619.34 | 5,216.50 | 55,402.84 | 54,250.90 | .......... | 1,151.94 |
| 985.19 | 1,151.55 | 15,808.14 | 1,080.50 | 14,727.64 | 14,262.38 | .......... | 465.26 |
| 228.09 | 202.90 | 2,569.39 | 100.50 | 2,468.89 | 2,610.99 | 142.10 | .......... |
| 237.03 | 263.14 | 3,854.22 | 230.00 | 3,624.22 | 3,863.30 | 239.08 | .......... |
| 183.25 | 175.22 | 2,244.60 | 108.00 | 2,136.60 | 2,331.90 | 195.30 | .......... |
| 1,061.29 | 1,177.31 | 15,383.69 | 1,029.25 | 14,354.44 | 14,408.00 | 53.56 | .......... |
| 10,740.06 | 13,587.06 | 175,048.12 | 14,226.50 | 160,821.62 | 170,718.00 | 9,896.38 | .......... |
| 8,213.87 | 14,492.78 | 214,049.09 | 21,843.25 | 192,205.84 | 166,009.14 | .......... | 26,196.70 |
| 647.99 | 958.27 | 14,351.22 | 1,260.00 | 13,091.22 | 13,607.89 | 516.67 | .......... |
| 777.30 | 868.35 | 11,259.39 | 769.25 | 10,490.14 | 10,767.99 | 277.85 | .......... |
| 611.93 | 619.68 | 7,613.70 | 436.75 | 7,176.95 | 7,688.23 | 511.28 | .......... |
| 296.79 | 293.91 | 3,547.73 | 204.00 | 3,343.73 | 3,754.71 | 410.98 | .......... |
| 1,136.85 | 1,217.79 | 15,668.19 | 986.00 | 14,682.19 | 15,777.63 | 1,095.44 | .......... |
| 2,037.35 | 2,626.14 | 35,452.98 | 2,859.25 | 32.593,73 | 32,023.81 | .......... | 569.92 |
| 763.61 | 668.87 | 7,236.91 | 315.75 | 6,921.16 | 7,827.46 | 906.30 | .......... |
| 2,543.41 | 2,702.51 | 34,018.90 | 2,106.75 | 31,912.15 | 34,666.03 | 2,753.88 | .......... |
| 277.51 | 260.38 | 3,063.40 | 156.75 | 2,906.65 | 3,446.63 | 539.98 | .......... |
| 2,330.19 | 2,735.21 | 38,163.01 | 2,525.75 | 35,637.26 | 40,411.30 | 4,774.04 | .......... |
| 2,440.32 | 3,020.04 | 39,160.24 | 3,211.25 | 35,948.99 | 37,250.66 | 1,301.67 | .......... |
| 1,206.93 | 1,430.16 | 19,733.40 | 1,387.25 | 18,346.15 | 18,865.99 | 519.84 | .......... |
| 996.97 | 1,267.66 | 17,948.07 | 1,402.75 | 16,545.32 | 16,832.00 | 286.68 | .......... |
| 867.18 | 918.57 | 11,230.59 | 740.75 | 10,489.84 | 11,851.64 | 1,361.80 | .......... |
| 308.22 | 280.67 | 3,197.73 | 153.75 | 3,043.98 | 3,812.44 | 768.46 | .......... |
| 1,107.46 | 1,182.30 | 14,579.87 | 962.50 | 13,617.37 | 15,400.98 | 1,783.61 | .......... |
| 4,015.34 | 5,314.04 | 71,709.53 | 5,958.50 | 65,751.03 | 64,351.78 | .......... | 1,399.25 |
| 381.00 | 374.53 | 4,468.53 | 256.00 | 4,212.53 | 5,119.12 | 906.59 | .......... |
| 147.13 | 203.26 | 3,004.44 | 250.25 | 2,754.19 | 2,902.37 | 148.18 | .......... |
| 684.81 | 855.08 | 11,306.17 | 785.50 | 10,520.67 | 10,997.26 | 476.59 | .......... |
| 1,095.83 | 1,201.37 | 15,678.63 | 1,001.75 | 14,676.88 | 15,224.82 | 547.94 | .......... |
| 2,490.40 | 2,804.24 | 33,797.73 | 2,393.25 | 31,404.48 | 32,546.48 | 1,142.00 | .......... |
| 308.18 | 313.01 | 3,650.94 | 231.50 | 3,419.44 | 3,890.60 | 471.16 | .......... |

## NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power

| Municipality | Interim rates per horsepower collected by Commission during year To Oct. 31, 1935 | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|
| | | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Rodney | 48.00 | 46,146.54 | 113.1 | 1,102.72 | 1,618.14 | 2,118.19 |
| St. Catharines | 23.00 | 1,844,189.67 | 9,406.7 | 91,714.65 | 36,164.34 | 90,230.38 |
| St. Clair Beach | 40.00 | 21,158.86 | 62.3 | 607.42 | 421.39 | 987.15 |
| St. George | 42.00 | 47,256.54 | 154.1 | 1,502.46 | 1,298.65 | 2,220.11 |
| St. Jacobs | 34.00 | 50,915.84 | 186.6 | 1,819.34 | 1,482.26 | 2,415.11 |
| St. Marys | 36.00 | 354,803.01 | 1,287.7 | 12,554.98 | 11,801.23 | 16,711.36 |
| St. Thomas | 28.00 | 1,479,076.03 | 6,287.3 | 61,300.72 | 36,450.22 | 70,892.29 |
| Sandwich | 32.00 | 800,098.87 | 2,750.8 | 26,820.10 | 14,889.11 | 37,750.22 |
| Sarnia | 34.00 | 2,032,668.38 | 7,116.9 | 69,389.26 | 43,248.48 | 96,003.53 |
| Scarboro twp. | 32.00 | 775,320.18 | 2,784.4 | 27,147.70 | 15,015.29 | 36,886.28 |
| Seaforth | 35.00 | 134,538.77 | 455.9 | 4,444.99 | 3,488.49 | 6,265.79 |
| Simcoe | 31.00 | 402,229.30 | 1,571.6 | 15,322.99 | 9,029.05 | 19,245.79 |
| Springfield | 50.00 | 34,148.76 | 86.8 | 846.29 | 1,061.67 | 1,580.06 |
| Stamford twp. | 21.00 | 340,110.42 | 1,857.9 | 18,114.39 | 10,045.01 | 16,795.83 |
| Stouffville | 46.00 | 67,784.77 | 186.0 | 1,813.49 | 2,082.13 | 3,154.78 |
| Stratford | 30.00 | 1,614,914.92 | 6,438.1 | 62,771.01 | 37,398.58 | 76,713.69 |
| Strathroy | 34.00 | 264,753.92 | 941.0 | 9,174.68 | 5,514.63 | 12,277.14 |
| Streetsville | 40.00 | 26,471.01 | 89.9 | 876.52 | 1,026.61 | 1,267.84 |
| Sutton | 55.00 | 73,440.15 | 175.7 | 1,713.06 | 2,170.74 | 3,405.80 |
| Tavistock | 37.00 | 140,625.08 | 480.9 | 4,688.74 | 3,468.79 | 6,622.76 |
| Tecumseh | 38.00 | 90,945.62 | 281.8 | 2,747.53 | 1,760.63 | 4,268.00 |
| Thamesford | 40.00 | 39,352.43 | 125.8 | 1,226.54 | 1,215.38 | 1,830.29 |
| Thamesville | 41.00 | 49,760.99 | 165.8 | 1,616.54 | 1,602.06 | 2,334.00 |
| Thedford | 68.00 | 35,729.48 | 68.0 | 663.00 | 1,302.69 | 1,632.19 |
| Thorndale | 65.00 | 19,724.91 | 39.3 | 383.17 | 688.47 | 891.10 |
| Thorold | 25.00 | 392,461.27 | 1,873.3 | 18,264.54 | 8,142.25 | 19,141.66 |
| Tilbury | 38.00 | 154,934.41 | 502.4 | 4,898.36 | 4,062.78 | 7,279.69 |
| Tillsonburg | 33.00 | 236,376.54 | 831.8 | 8,109.99 | 5,214.92 | 11,116.93 |
| Toronto | 26.10 | 61,316,664.99 | 257,290.1 | 2,508,560.04 | 1,026,111.19 | 2,938,897.16 |
| Toronto twp. | 32.00 | 460,731.67 | 1,819.6 | 17,740.97 | 13,672.10 | 22,098.81 |
| Trafalgar twp. | .... ..... | 100,448.46 | 379.0 | 3,695.22 | 2,020.72 | 4,869.03 |
| Walkerville | 28.00 | 2,180,367.19 | 8,355.9 | 81,469.42 | 40,240.34 | 103,720.20 |
| Wallaceburg | 37.00 | 538,600.15 | 1,751.0 | 17,072.12 | 12,648.09 | 25,261.67 |
| Wardsville | 62.00 | 12,994.34 | 28.8 | 280.80 | 589.27 | 597.17 |
| Waterdown | 32.00 | 55,363.44 | 207.8 | 2,026.04 | 1,583.07 | 2,609.01 |
| Waterford | 32.00 | 89,665.12 | 332.4 | 3,240.88 | 1,936.59 | 4,239.74 |
| Waterloo | 27.00 | 691,213.53 | 2,859.6 | 27,880.89 | 15,417.60 | 32,953.87 |
| Watford | 55.00 | 81,241.87 | 197.4 | 1,924.64 | 2,181.45 | 3,752.70 |
| Welland | 24.00 | 860,954.58 | 4,043.3 | 39,421.88 | 15,169.93 | 41,716.91 |
| Wellesley | 50.00 | 40,344.29 | 99.9 | 974.02 | 1,199.86 | 1,835.91 |

**SYSTEM** *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 477.55 | 454.17 | 5,770.77 | 282.75 | 5,488.02 | 5,426.40 | | 61.62 |
| 10,705.28 | 17,034.10 | 245,848.75 | 23,516.75 | 222,332.00 | 216,354.22 | | 5,977.78 |
| 197.30 | 207.23 | 2,420.49 | 155.75 | 2,264.74 | 2,491.96 | 227.22 | |
| 423.67 | 458.54 | 5,903.43 | 385.25 | 5,518.18 | 6,472.90 | 954.72 | |
| 417.19 | 488.80 | 6,622.70 | 466.50 | 6,156.20 | 6,343.22 | 187.02 | |
| 2,846.12 | 3,409.60 | 47,323.29 | 3,219.25 | 44,104.04 | 46,356.00 | 2,251.96 | |
| 10,494.06 | 13,978.53 | 193,115.82 | 15,718.25 | 177,397.57 | 176,043.91 | | 1,353.66 |
| 6,684.61 | 7,726.94 | 93,870.98 | 6,877.00 | 86,993.98 | 88,024.50 | 1,030.52 | |
| 16,887.71 | 19,599.83 | 245,128.81 | 17,792.25 | 227,336.56 | 241,973.11 | 14,636.55 | |
| 5,898.44 | 7,458.10 | 92,405.81 | 6,961.00 | 85,444.81 | 89,100.74 | 3,655.93 | |
| 1,162.89 | 1,301.51 | 16,663.67 | 1,139.75 | 15,523.92 | 15,955.75 | 431.83 | |
| 3,125.61 | 3,837.50 | 50,560.94 | 3,929.00 | 46,631.94 | 48,718.14 | 2,086.20 | |
| 350.85 | 337.57 | 4,176.44 | 217.00 | 3,959.44 | 4,339.95 | 380.51 | |
| 1,787.26 | 3,110.29 | 49,852.78 | 4,644.75 | 45,208.03 | 39,016.39 | | 6,191.64 |
| 631.18 | 664.69 | 8,346.27 | 465.00 | 7,881.27 | 8,554.06 | 672.79 | |
| 12,139.89 | 15,373.63 | 204,396.80 | 16,095.25 | 188,301.55 | 193,142.00 | 4,840.45 | |
| 2,147.47 | 2,497.06 | 31,610.98 | 2,352.50 | 29,258.48 | 31,993.41 | 2,734.93 | |
| 229.62 | 255.63 | 3,656.22 | 224.75 | 3,431.47 | 3,595.74 | 164.27 | |
| 739.93 | 728.76 | 8,758.29 | 439.25 | 8,319.04 | 9,663.01 | 1,343.97 | |
| 1,206.76 | 1,358.96 | 17,346.01 | 1,202.25 | 16,143.76 | 17,793.17 | 1,649.41 | |
| 821.03 | 887.22 | 10,484.41 | 704.50 | 9,779.91 | 10,706.77 | 926.86 | |
| 356.54 | 382.58 | 5,011.33 | 314.50 | 4,696.83 | 5,030.30 | 333.47 | |
| 431.75 | 481.88 | 6,466.23 | 414.50 | 6,051.73 | 6,796.39 | 744.66 | |
| 405.97 | 359.00 | 4,362.85 | 170.00 | 4,192.85 | 4,625.89 | 433.04 | |
| 222.80 | 197.74 | 2,383.28 | 98.25 | 2,285.03 | 2,553.38 | 268.35 | |
| 2,509.90 | 3,657.62 | 51,715.97 | 4,683.25 | 47,032.72 | 46,832.19 | | 200.53 |
| 1,371.31 | 1,504.43 | 19,116.57 | 1,256.00 | 17,860.57 | 19,091.15 | 1,230.58 | |
| 2,000.92 | 2,276.90 | 28,719.66 | 2,079.50 | 26,640.16 | 27,449.64 | 809.48 | |
| 390,147.53 | 580,425.75 | 7,444,141.67 | 643,225.25 | 6,800,916.42 | 6,715,270.27 | | 85,646.15 |
| 3,514.58 | 4,389.97 | 61,416.43 | 4,549.00 | 56,867.43 | 58,227.16 | 1,359.73 | |
| 818.00 | 964.75 | 12,367.72 | 947.50 | 11,420.22 | 9,943.65 | | 1,476.57 |
| 16,554.82 | 20,838.71 | 262,823.49 | 20,889.75 | 241,933.74 | 233,965.31 | | 7,968.43 |
| 4,769.96 | 5,236.73 | 64,988.57 | 4,377.50 | 60,611.07 | 64,786.53 | 4,175.46 | |
| 140.25 | 129.51 | 1,737.00 | 72.00 | 1,665.00 | 1,787.13 | 122.13 | |
| 448.66 | 530.45 | 7,197.23 | 519.50 | 6,677.73 | 6,647.96 | | 29.77 |
| 729.96 | 860.00 | 11,007.17 | 831.00 | 10,176.17 | 10,635.62 | 459.45 | |
| 5,057.71 | 6,553.07 | 87,863.14 | 7,149.00 | 80,714.14 | 77,208.05 | | 3,506.09 |
| 841.34 | 805.43 | 9,505.56 | 493.50 | 9,012.06 | 10,858.80 | 1,846.74 | |
| 5,692.64 | 8,045.96 | 110,047.32 | 10,108.25 | 99,939.07 | 97,039.90 | | 2,899.17 |
| 416.21 | 397.07 | 4,823.07 | 249.75 | 4,573.32 | 4,995.79 | 422.47 | |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Municipality | Interim rates per horsepower collected by Commission during year To Oct. 31, 1935 | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|
| | | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | | $ c. | $ c. | $ c. |
| West Lorne | 40.00 | 30,422.66 | 91.7 | 894.07 | 1,147.15 | 1,358.75 |
| Weston | 27.00 | 651,650.99 | 2,809.5 | 27,392.42 | 13,670.10 | 31,232.88 |
| Wheatley | 53.00 | 55,116.11 | 119.6 | 1,166.09 | 1,298.25 | 2,617.96 |
| Windsor | 28.00 | 5,291,895.70 | 20,279.0 | 197,718.79 | 95,830.45 | 250,791.03 |
| Woodbridge | 35.00 | 95,422.12 | 334.3 | 3,259.40 | 1,979.22 | 4,504.41 |
| Woodstock | 28.00 | 1,162,635.00 | 4,765.1 | 46,459.38 | 25,034.59 | 55,530.78 |
| Wyoming | 54.00 | 26,316.97 | 61.0 | 594.75 | 785.58 | 1,208.36 |
| York East twp. | 32.00 | 1,263,630.65 | 5,272.9 | 51,410.40 | 49,103.16 | 60,986.33 |
| York North twp. | 32.00 | 761,470.10 | 2,861.2 | 27,896.49 | 21,759.44 | 36,519.51 |
| Zurich | 65.00 | 35,746.84 | 69.9 | 681.52 | 1,072.43 | 1,620.28 |
| Mimico Asylum | | 43,410.46 | 168.8 | 1,645.79 | 753.99 | 2,103.76 |
| Ontario Reformatory | | 62,931.70 | 255.1 | 2,487.21 | 1,209.32 | 3,060.87 |
| Prison Brick Yard | | 33,609.80 | 118.9 | 1,159.27 | 573.54 | 1,616.44 |
| Toronto Transportation Com. | | 65,995.38 | 248.6 | 2,423.83 | 1,165.79 | 2,564.05 |
| Sandwich, Windsor and Amherstburg Railway Co. | | 725,208.10 | 2,717.5 | 26,495.43 | 12,491.86 | 34,513.22 |
| Totals—Municipalities | | 144,489,216.85 | 601,235.4 | 5,862,002.07 | 2,746,353.77 | 6,922,536.16 |
| RURAL POWER DISTRICTS | | | | | | |
| Acton R.P.D.—Erin, Esquesing and Nassagaweya twps. | | 2,992.28 | 10.8 | 105.30 | 59.64 | 141.69 |
| Ailsa Craig R.P.D.—Lobo, McGillivray and Williams E. twps. | | 2,428.52 | 6.3 | 61.42 | 42.83 | 112.88 |
| Alvinston R.P.D.—Brooke twp. | | 1,943.16 | 3.1 | 30.22 | 59.83 | 88.28 |
| Amherstburg R.P.D.—Anderdon, Colchester N., Colchester S. and Malden twps. | | 172,280.59 | 533.0 | 5,196.71 | 3,823.18 | 8,069.35 |
| Aylmer R.P.D.—Bayham, Dereham, Dorchester N., Dorchester S., Malahide, and Yarmouth twps. | | 81,741.78 | 271.0 | 2,642.23 | 1,751.81 | 3,834.92 |
| Ayr R.P.D.—Blenheim, Dumfries N., and Dumfries S. twps. | | 11,535.13 | 43.5 | 424.12 | 283.14 | 548.24 |
| Baden R.P.D.—Blandford, Blenheim, Easthope N., Easthope S., Waterloo, Wellesley, Wilmot and Zorra E. twps. | | 107,482.97 | 389.8 | 3,800.52 | 2,571.78 | 5,111.40 |

SYSTEM *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 283.64 | 295.54 | 3,979.15 | 229.25 | 3,749.90 | 3,668.95 | .............. | 80.95 |
| 4,506.98 | 6,149.63 | 82,952.01 | 7,023.75 | 75,928.26 | 75,857.55 | .............. | 70.71 |
| 622.51 | 568.93 | 6,273.74 | 299.00 | 5,974.74 | 6,336.54 | 361.80 | .............. |
| 40,182.20 | 50,577.24 | 635,099.71 | 50,697.50 | 584,402.21 | 567,812.15 | .............. | 16,590.06 |
| 804.50 | 920.03 | 11,467.56 | 835.75 | 10,631.81 | 11,701.04 | 1,069.23 | .............. |
| 8,600.32 | 11,034.29 | 146,659.36 | 11,912.75 | 134,746.61 | 133,423.84 | .............. | 1,322.77 |
| 277.83 | 261.42 | 3,127.94 | 152.50 | 2,975.44 | 3,293.10 | 317.66 | .............. |
| 8,100.79 | 11,969.03 | 181,569.71 | 13,182.25 | 168,387.46 | 168,733.29 | 345.83 | .............. |
| 5,581.14 | 7,292.75 | 99,049.33 | 7,153.00 | 91,896.33 | 91,559.70 | .............. | 336.63 |
| 405.68 | 358.29 | 4,138.20 | 174.75 | 3,963.45 | 4,545.66 | 582.21 | .............. |
| 334.65 | 414.31 | 5,252.50 | 422.00 | 4,830.50 | 5,146.85 | 316.35 | .............. |
| 472.55 | 598.03 | 7,827.98 | 637.75 | 7,190.23 | 7,524.51 | 334.28 | .............. |
| 281.20 | 323.76 | 3,954.21 | 297.25 | 3,656.96 | 3,626.14 | .............. | 30.82 |
| 525.82 | 631.90 | 7,311.39 | 621.50 | 6,689.89 | 7,901.00 | 1,211.11 | .............. |
| 5,625.61 | 6,946.80 | 86,072.92 | 6,793.75 | 79,279.17 | 79,279.17 | .............. | .............. |
| 997,619.73 | 1,339,167.18 | 17,879,678.91 | 1,503,088.50 | 16,394,590.41 | 16,297,159.27 | 151,720.66 | 249,151.80 |
| 24.92 | 28.77 | 360.32 | 27.00 | 333.32 | 333.32 | see page | 187 |
| 24.60 | 23.90 | 265.63 | 15.75 | 249.88 | 249.88 | " | " |
| 23.23 | 19.68 | 221.24 | 7.75 | 213.49 | 213.49 | " | " |
| 1,554.01 | 1,678.85 | 20,322.10 | 1,332.50 | 18,989.60 | 18,989.60 | " | " |
| 720.03 | 790.44 | 9,739.43 | 677.50 | 9,061.93 | 9,061.93 | " | " |
| 92.52 | 110.43 | 1,458.45 | 108.75 | 1,349.70 | 1,349.70 | " | " |
| 888.77 | 1,033.20 | 13,405.67 | 974.50 | 12,431.17 | 12,431.17 | " | " |

### NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ |
| **Beamsville** R.P.D.—Caistor, Clinton, Gainsborough, Grimsby N., Grimsby S., Louth, Pelham and Wainfleet twps. | 279,377.67 | 1,055.5 | 10,291.05 | 6,205.21 | 13,306.38 |
| **Belle River** R.P.D.—Maidstone and Rochester twps. | 59,916.90 | 191.9 | 1,871.01 | 1,517.76 | 2,796.73 |
| **Blenheim** R.P.D.—Raleigh and Harwich twps. | 42,272.46 | 135.5 | 1,321.12 | 994.25 | 1,983.30 |
| **Bond Lake** R.P.D.—King, Markham, Scarboro, Tecumseth, Vaughan Whitchurch and York N. twps. | 299,024.31 | 979.4 | 9,549.08 | 7,435.58 | 14,139.06 |
| **Bothwell** R.P.D.—Aldborough, Ekfrid, Mosa, Orford and Zone twps. | 65,794.54 | 184.1 | 1,794.96 | 1,652.32 | 3,082.08 |
| **Brampton** R.P.D.—Chinguacousy and Toronto twps. | 32,438.14 | 128.8 | 1,255.79 | 1,354.64 | 1,548.68 |
| **Brant** R.P.D.—Blenheim, Brantford, Burford, Dumfries S., Oakland and Onondaga twps. | 117,724.34 | 476.4 | 4,644.86 | 3,666.24 | 5,634.89 |
| **Brigden** R.P.D.—Moore and Sombra twps. | 20,584.42 | 40.1 | 390.97 | 485.18 | 943.90 |
| **Burford** R.P.D.—Brantford, Burford, Oakland, Townsend and Windham twps. | 47,347.11 | 161.0 | 1,569.74 | 1,000.38 | 2,245.92 |
| **Caledonia** R.P.D.—Ancaster, Barton, Binbrook, Caistor, Glanford, Grimsby S., Oneida, Onondaga and Seneca twps. | 83,423.54 | 314.9 | 3,070.26 | 1,774.19 | 3,978.23 |
| **Chatham** R.P.D.—Chatham, Dover, Harwich and Raleigh twps. | 113,381.78 | 433.6 | 4,227.57 | 2,772.24 | 5,383.59 |
| **Chippawa** R.P.D.—Bertie, Crowland and Willoughby twps. | 21,321.20 | 102.8 | 1,002.29 | 388.64 | 1,021.58 |
| **Clinton** R.P.D.—Goderich, Hay, Hullett, Stanley and Tuckersmith twps. | 45,366.51 | 134.0 | 1,306.49 | 1,386.14 | 2,125.13 |
| **Delaware** R.P.D.—Caradoc, Delaware, Ekfrid, Lobo, London, Southwold and Westminster twps. | 80,274.12 | 295.6 | 2,882.08 | 1,726.52 | 3,752.43 |
| **Dorchester** R.P.D.—Dorchester N., Dorchester S., London, Nissouri E., Nissouri W., Oxford N., Westminster and Yarmouth twps. | 90,919.12 | 313.8 | 3,059.53 | 1,863.18 | 4,259.22 |
| **Dresden** R.P.D.—Camden, Chatham and Dawn twps. | 13,100.52 | 37.6 | 366.59 | 321.36 | 610.39 |
| **Drumbo** R.P.D.—Blandford, Blenhein and Burford twps. | 32,457.49 | 85.4 | 832.64 | 720.27 | 1,498.19 |

SYSTEM *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935.**

| costs & fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,280.71 | 2,672.47 | 34,755.82 | 2,638.75 | 32,117.07 | 32,117.07 | see page | 187 |
| 528.10 | 582.40 | 7,296.00 | 479.75 | 6,816.25 | 6,816.25 | " | " |
| 376.93 | 410.72 | 5,086.32 | 338.75 | 4,747.57 | 4,747.57 | " | " |
| 2,468.98 | 2,900.11 | 36,492.81 | 2,448.50 | 34,044.31 | 34,044.31 | " | " |
| 637.51 | 646.04 | 7,812.91 | 460.25 | 7,352.66 | 7,352.66 | " | " |
| 247.32 | 308.91 | 4,715.34 | 322.00 | 4,393.34 | 4,393.34 | " | " |
| 884.19 | 1,118.84 | 15,949.02 | 1,191.00 | 14,758.02 | 14,758.02 | " | " |
| 233.32 | 207.41 | 2,260.78 | 100.25 | 2,160.53 | 2,160.53 | " | " |
| 413.44 | 458.58 | 5,688.06 | 402.50 | 5,285.56 | 5,285.56 | " | " |
| 672.57 | 798.70 | 10,293.95 | 787.25 | 9,506.70 | 9,506.70 | " | " |
| 877.82 | 1,083.80 | 14,345.02 | 1,084.00 | 13,261.02 | 13,261.02 | " | " |
| 136.42 | 198.44 | 2,747.37 | 257.00 | 2,490.37 | 2,490.37 | " | " |
| 429.13 | 443.86 | 5,690.75 | 335.00 | 5,355.75 | 5,355.75 | " | " |
| 640.78 | 760.68 | 9,762.49 | 739.00 | 9,023.49 | 9,023.49 | " | " |
| 780.44 | 877.85 | 10,840.22 | 784.50 | 10,055.72 | 10,055.72 | " | " |
| 124.01 | 127.59 | 1,549.94 | 94.00 | 1,455.94 | 1,455.94 | " | " |
| 329.17 | 320.39 | 3,700.66 | 213.50 | 3,487.16 | 3,487.16 | " | " |

## NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each
by the Commission; the amount appropriated from the contingency
cost; the amount received by the Commission from each
charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Dundas** R.P.D.—Ancaster, Beverly, Flamboro E., Flamboro W., Glanford and Nelson twps. | 151,914.02 | 632.4 | 6,165.85 | 2,163.62 | 7,289.80 |
| **Dunnville** R.P.D.—Canborough, Dunn and Moulton twps. | 10,852.84 | 40.3 | 392.92 | 628.68 | 518.13 |
| **Dutton** R.P.D.—Aldborough and Dunwich twps. | 41,295.36 | 127.9 | 1,247.02 | 1,249.31 | 1,935.89 |
| **Elmira** R.P.D.—Peel, Pilkington and Woolwich twps. | 26,297.79 | 88.7 | 864.81 | 440.21 | 1,249.22 |
| **Elora** R.P.D.—Garafraxa W., Nichol, Peel and Pilkington twps. | 31,677.33 | 102.0 | 994.49 | 633.62 | 1,485.50 |
| **Essex** R.P.D.—Colchester N., Gosfield N., Gosfield S., Maidstone, Mersea, Rochester and Sandwich S. twps. | 61,782.94 | 200.9 | 1,958.76 | 1,200.50 | 2,898.53 |
| **Exeter** R.P.D.—Biddulph, Bosanquet, Hay, Hibbert, Stephen, Tuckersmith and Usborne twps. | 104,774.20 | 286.6 | 2,794.33 | 1,934.22 | 4,876.66 |
| **Forest** R.P.D.—Adelaide, Bosanquet, Plympton, Warwick and Williams W. twps. | 16,761.80 | 39.8 | 388.05 | 409.67 | 775.73 |
| **Galt** R.P.D.—Beverly, Dumfries N., Dumfries S. and Puslinch twps. | 45,785.49 | 187.2 | 1,825.19 | 2,047.11 | 2,194.82 |
| **Georgetown** R.P.D.—Chinguacousy, Erin and Esquesing twps. | 39,673.90 | 130.4 | 1,271.39 | 775.89 | 1,870.18 |
| **Goderich** R.P.D.—Ashfield, Colborne, Goderich and Wawanosh W. twps. | 40,354.27 | 90.9 | 886.27 | 1,168.40 | 1,865.09 |
| **Grantham** R.P.D.—Grantham and Niagara twps. | 132,669.93 | 568.0 | 5,537.97 | 3,303.34 | 6,364.16 |
| **Guelph** R.P.D.—Eramosa, Erin, Guelph, Nassagaweya and Puslinch twps. | 114,210.32 | 42.9 | 4,182.72 | 2,276.25 | 5,459.85 |
| **Haldimand** R.P.D.—Cayuga N., Oneida, Rainham, Seneca and Walpole twps. | 71,315.94 | 196.1 | 1,911.96 | 1,636.37 | 3,326.58 |
| **Harriston** R.P.D.—Howich and Minto twps. | 6,453.93 | 16.7 | 162.82 | 154.63 | 299.58 |
| **Harrow** R.P.D.—Colchester N., Colchester S., Gosfield S. and Malden twps. | 126,371.44 | 380.0 | 3,704.98 | 2,699.04 | 5,938.98 |
| **Ingersoll** R.P.D.—Dereham, Dorchester N., Nissouri E., Oxford N., Oxford W., Zorra E. and Zorra W. twps. | 116,474.12 | 389.3 | 3,795.64 | 2,748.26 | 5,496.16 |

SYSTEM *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935.**

| costs & fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,125.72 | 1,440.33 | 18,185.32 | 1,581.00 | 16,604.32 | 16,604.32 | see page | 187 |
| 90.60 | 104.11 | 1,734.44 | 100.75 | 1,633.69 | 1,633.69 | " | " |
| 378.57 | 400.25 | 5,211.04 | 319.75 | 4,891.29 | 4,891.29 | " | " |
| 229.75 | 254.41 | 3,038.40 | 221.75 | 2,816.65 | 2,816.65 | " | " |
| 286.51 | 307.70 | 3,707.82 | 255.00 | 3,452.82 | 3,452.82 | " | " |
| 538.58 | 599.69 | 7,196.06 | 502.25 | 6,693.81 | 6,693.81 | " | " |
| 1,037.30 | 1,029.61 | 11,672.12 | 716.50 | 10,955.62 | 10,955.62 | " | " |
| 175.36 | 166.41 | 1,915.22 | 99.50 | 1,815.72 | 1,815.72 | " | " |
| 340.00 | 434.67 | 6,841.79 | 468.00 | 6,373.79 | 6,373.79 | " | " |
| 354.17 | 384.75 | 4,656.38 | 326.00 | 4,330.38 | 4,330.38 | " | " |
| 434.80 | 401.96 | 4,756.52 | 227.25 | 4,529.27 | 4,529.27 | " | " |
| 966.78 | 1,251.03 | 17,423.28 | 1,420.00 | 16,003.28 | 16,003.28 | " | " |
| 920.26 | 1,093.87 | 13,932.95 | 1,072.50 | 12,860.45 | 12,860.45 | " | " |
| 705.34 | 698.52 | 8,278.77 | 490.25 | 7,788.52 | 7,788.52 | " | " |
| 65.52 | 63.77 | 746.32 | 41.75 | 704.57 | 704.57 | " | " |
| 1,161.09 | 1,234.26 | 14,738.35 | 950.00 | 13,788.35 | 13,788.35 | " | " |
| 1,023.10 | 1,126.77 | 14,189.93 | 973.25 | 13,216.68 | 13,216.68 | " | " |

NIAGARA

Statement showing the amount chargeable (upon annual adjustment) to each
by the Commission; the amount appropriated from the contingency
cost; the amount received by the Commission from each
charged to each Municipality in respect of power

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Jordan** R.P.D.—Grantham, Louth, Pelham and Thorold twps. | 71,985.74 | 305.2 | 2,975.68 | 1,441.93 | 3,469.94 |
| **Keswick** R.P.D.—Georgina, Gwillimbury E. and Gwillimbury N. twps. | 169,032.48 | 467.1 | 4,554.19 | 4,854.36 | 7,910.24 |
| **Kingsville** R.P.D.—Gosfield N., Gosfield S., Mersea and Romney twps. | 193,251.54 | 588.3 | 5,735.88 | 3,797.35 | 9,019.39 |
| **Listowel** R.P.D.—Elma, Grey, Maryborough, Mornington, Peel, Wallace and Wellesley twps. | 45,628.93 | 153.3 | 1,494.66 | 1,110.71 | 2,157.83 |
| **London** R.P.D.—Delaware, Lobo, London, Nissouri W. and Westminster twps. | 441,754.79 | 1,666.9 | 16,252.16 | 9,385.07 | 21,062.19 |
| **Lucan** R.P.D.—Biddulph, Blanshard, London, McGillivray and Stephen twps. | 16,242.47 | 56.1 | 546.97 | 392.18 | 761.52 |
| **Lynden** R.P.D.—Ancaster, Beverly, Brantford and Dumfries S. twps. | 48,778.77 | 166.8 | 1,626.29 | 856.72 | 2,294.02 |
| **Markham** R.P.D.—Markham, Pickering, Scarboro, Uxbridge and Whitchurch twps. | 131,835.76 | 432.2 | 4,213.92 | 3,289.09 | 6,219.99 |
| **Merlin** R.P.D.—Raleigh, Romney, and Tilbury E. twps. | 66,080.02 | 177.4 | 1,729.64 | 1,420.27 | 3,083.43 |
| **Milton** R.P.D.—Esquesing, Nassagaweya, Nelson and Trafalgar twps. | 46,904.53 | 151.7 | 1,479.06 | 1,553.25 | 2,206.65 |
| **Milverton** R.P.D.—Ellice, Elma, Mornington and Wellesley twps. | 23,217.97 | 76.1 | 741.97 | 515.73 | 1,095.45 |
| **Mitchell** R.P.D.—Downie, Ellice, Elma, Fullarton, Hibbert, Logan and McKillop twps. | 58,438.61 | 196.0 | 1,910.98 | 1,309.20 | 2,759.78 |
| **Newmarket** R.P.D.—Georgina, Gwillimbury E., King, Scott, Uxbridge and Whitchurch twps. | 72,612.79 | 240.7 | 2,346.81 | 1,709.16 | 3,424.77 |
| **Niagara** R.P.D.—Niagara and Stamford twps. | 97,714.30 | 489.2 | 4,769.66 | 2,269.10 | 4,750.64 |
| **Norwich** R.P.D.—Burford, Dereham, Middleton, Norwich N., Norwich S., Oxford E. and Windham twps. | 79,328.08 | 268.2 | 2,614.93 | 1,746.45 | 3,709.60 |
| **Oil Springs** R.P.D.—Brooke, Dawn, Enniskillen and Euphemia twps. | 13,952.08 | 38.5 | 375.37 | 362.29 | 646.23 |
| **Palmerston** R.P.D.—Arthur, Maryborough, Minto, Peel and Wallace twps. | 16,080.74 | 50.7 | 494.32 | 417.60 | 757.83 |
| **Petrolia** R.P.D.—Enniskillen, Moore, Plympton and Sarnia twps. | 9,805.18 | 29.3 | 285.67 | 219.51 | 458.10 |

SYSTEM *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935.**

| costs & fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 529.59 | 680.60 | 9,097.74 | 763.00 | 8,334.74 | 8,334.74 | see page | 187 |
| 1,573.98 | 1,661.45 | 20,554.22 | 1,167.75 | 19,386.47 | 19,386.47 | " | " |
| 1,761.70 | 1,885.65 | 22,199.97 | 1,470.75 | 20,729.22 | 20,729.22 | " | " |
| 396.70 | 441.63 | 5,601.53 | 383.25 | 5,218.28 | 5,218.28 | " | " |
| 3,527.46 | 4,229.17 | 54,456.05 | 4,167.25 | 50,288.80 | 50,288.80 | see page | 189 |
| 139.33 | 156.80 | 1,996.80 | 140.25 | 1,856.55 | 1,856.55 | " | " |
| 425.00 | 471.33 | 5,673.36 | 417.00 | 5,256.36 | 5,256.36 | " | " |
| 1,086.99 | 1,278.00 | 16,087.99 | 1,080.50 | 15,007.49 | 15,007.49 | " | " |
| 654.80 | 650.96 | 7,539.10 | 443.50 | 7,095.60 | 7,095.60 | " | " |
| 421.95 | 455.56 | 6,116.47 | 379.25 | 5,737.22 | 5,737.22 | " | " |
| 205.44 | 225.21 | 2,783.80 | 190.25 | 2,593.55 | 2,593.55 | " | " |
| 508.90 | 565.83 | 7,054.69 | 490.00 | 6,564.69 | 6,564.69 | " | " |
| 593.72 | 703.57 | 8,778.03 | 601.75 | 8,176.28 | 8,176.28 | " | " |
| 592.94 | 904.85 | 13,287.19 | 1,223.00 | 12,064.19 | 12,064.19 | " | " |
| 691.15 | 766.42 | 9,528.55 | 670.50 | 8,858.05 | 8,858.05 | " | " |
| 135.75 | 137.15 | 1,656.79 | 96.25 | 1,560.54 | 1,560.54 | " | " |
| 146.14 | 156.55 | 1,972.44 | 126.75 | 1,845.69 | 1,845.69 | " | " |
| 90.92 | 95.71 | 1,149.91 | 73.25 | 1,076.66 | 1,076.66 | " | " |

## NIAGARA

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Preston** R.P.D.—Dumfries N., Guelph, Puslinch, Waterloo and Woolwich twps. | 233,315.82 | 894.8 | 8,724.23 | 4,456.93 | 11,113.25 |
| **Ridgetown** R.P.D.—Aldborough, Harwich, Howard, Orford and Rondeau Park twps. | 97,595.50 | 270.6 | 2,638.33 | 2,754.81 | 4,523.77 |
| **St. Jacobs** R.P.D.—Peel, Waterloo, Wellesley and Woolwich twps. | 65,392.71 | 236.3 | 2,303.89 | 1,245.30 | 3,093.02 |
| **St. Mary's** R.P.D.—Blanshard, Downie, Fullarton, Nissouri E., Nissouri W. and Usborne twps. | 70,163.16 | 217.4 | 2,119.63 | 1,967.91 | 3,292.84 |
| **St. Thomas** R.P.D.—Dunwich, Southwold, Westminster and Yarmouth twps. | 174,366.10 | 667.6 | 6,509.06 | 3,900.40 | 8,224.05 |
| **Saltfleet** R.P.D.—Barton, Binbrook, Grimsby N. and Saltfleet twps. | 255,363.22 | 910.5 | 8,877.32 | 4,947.28 | 12,073.88 |
| **Sandwich** R.P.D.—Anderdon, Colchester N., Maidstone, Sandwich E., Sandwich S., and Sandwich W. twps. | 261,296.62 | 926.6 | 9,034.26 | 5,048.89 | 12,327.28 |
| **Sarnia** R.P.D.—Moore, Plympton and Sarnia twps. | 168,224.60 | 533.6 | 5,202.56 | 3,880.09 | 7,902.44 |
| **Scarboro** R.P.D.—Pickering, Scarboro and York N. twps. | 109,358.55 | 361.1 | 3,520.70 | 1,853.31 | 5,172.47 |
| **Seaforth** R.P.D.—Hibbert, Hullett, McKillop and Tuckersmith twps. | 18,921.00 | 62.1 | 605.47 | 439.31 | 894.56 |
| **Simcoe** R.P.D.—Charlotteville, Townsend, Walpole, Windham and Woodhouse twps. | 59,363.18 | 225.2 | 2,195.68 | 1,867.06 | 2,830.73 |
| **Stamford** R.P.D.—Stamford and Thorold twps. | 37,846.98 | 174.4 | 1,700.38 | 778.80 | 1,830.94 |
| **Stratford** R.P.D.—Downie, Easthope N., Ellice and Easthope S. twps. | 40,509.45 | 160.5 | 1,564.86 | 956.17 | 1,922.06 |
| **Strathroy** R.P.D.—Adelaide, Caradoc, Ekfrid, Lobo, Metcalfe and Williams E. twps. | 32,475.06 | 103.3 | 1,007.16 | 954.60 | 1,500.85 |
| **Streetsville** R.P.D.—Chinguacousy, Esquesing, Toronto and Trafalgar twps. | 90,190.89 | 308.6 | 3,008.82 | 2,372.81 | 4,249.92 |
| **Tavistock** R.P.D.—Easthope N., Easthope S., Ellice and Zorra E. twps. | 50,970.31 | 174.4 | 1,700.39 | 1,121.41 | 2,405.43 |
| **Thamesville** R.P.D.—Camden, Chatham, Euphemia, Harwich, Howard, Orford and Zone twps. | 31,513.30 | 105.0 | 1,023.74 | 779.95 | 1,484.64 |

**SYSTEM** *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935.**

| costs & fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,840.97 | 2,229.93 | 28,365.31 | 2,237.00 | 26,128.31 | 26,128.31 | see page | 189 |
| 949.33 | 958.25 | 11,824.49 | 676.50 | 11,147.99 | 11,147.99 | " | " |
| 541.89 | 628.53 | 7,812.63 | 590.75 | 7,221.88 | 7,221.88 | " | " |
| 634.66 | 683.70 | 8,698.74 | 543.50 | 8,155.24 | 8,155.24 | " | " |
| 1,344.36 | 1,645.75 | 21,623.62 | 1,669.00 | 19,954.62 | 19,954.62 | " | " |
| 2,177.12 | 2,459.90 | 30,535.50 | 2,276.25 | 28,259.25 | 28,259.25 | " | " |
| 2,128.77 | 2,516.49 | 31,055.69 | 2,316.50 | 28,739.19 | 28,739.19 | " | " |
| 1,503.49 | 1,636.11 | 20,124.69 | 1,334.00 | 18,790.69 | 18,790.69 | " | " |
| 897.10 | 1,059.99 | 12,503.57 | 902.75 | 11,600.82 | 11,600.82 | " | " |
| 167.34 | 183.55 | 2,290.23 | 155.25 | 2,134.98 | 2,134.98 | " | " |
| 473.78 | 568.07 | 7,935.32 | 563.00 | 7,372.32 | 7,372.32 | " | " |
| 253.33 | 354.30 | 4,917.75 | 436.00 | 4,481.75 | 4,481.75 | " | " |
| 306.40 | 385.90 | 5,135.39 | 401.25 | 4,734.14 | 4,734.14 | " | " |
| 285.75 | 309.22 | 4,057.58 | 258.25 | 3,799.33 | 3,799.33 | " | " |
| 778.12 | 870.41 | 11,280.08 | 771.50 | 10,508.58 | 10,508.58 | " | " |
| 437.25 | 492.52 | 6,157.00 | 436.00 | 5,721.00 | 5,721.00 | " | " |
| 273.43 | 305.17 | 3,866.93 | 262.50 | 3,604.43 | 3,604.43 | " | " |

**NIAGARA**

**Statement showing the amount chargeable (upon annual adjustment) to each by the Commission; the amount appropriated from the contingency cost; the amount received by the Commission from each charged to each Municipality in respect of power**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Tilbury** R.P.D.—Dover, Mersea, Rochester, Romney, Tilbury E., Tilbury N. and Tilbury W. twps. | 51,885.91 | 166.8 | 1,626.29 | 1,167.14 | 2,448.17 |
| **Tillsonburg** R.P.D.—Bayham, Dereham, Dorchester S., Houghton, Malahide, Middleton, Norwich N., Norwich S. and Walsingham N. twps. | 99,818.88 | 328.6 | 3,203.83 | 2,182.20 | 4,668.04 |
| **Wallaceburg** R.P.D.—Chatham, Dover and Sombra twps. | 65,620.23 | 209.3 | 2,040.66 | 1,696.27 | 3,072.01 |
| **Walsingham** R.P.D.—Charlotteville, Houghton, Middleton, Walsingham N., Walsingham S. and Windham twps. | 81,644.08 | 211.1 | 2,058.21 | 1,630.69 | 3,798.66 |
| **Walton** R.P.D.—Grey, Hullett, McKillop, Morris, Wawanosh E. and Wawanosh W. twps. | 33,927.50 | 85.4 | 832.64 | 909.49 | 1,572.44 |
| **Waterdown** R.P.D.—Flamboro E., Flamboro W. and Nelson twps. | 222,712.67 | 794.6 | 7,747.29 | 1,445.19 | 10,216.54 |
| **Waterford** R.P.D.—Townsend, and Windham twps. | 55,730.49 | 206.6 | 2,014.34 | 1,244.40 | 2,656.69 |
| **Watford** R.P.D.—Adelaide, Metcalfe and Warwick twps. | 8,386.00 | 21.4 | 208.65 | 183.57 | 388.91 |
| **Welland** R.P.D.—Bertie, Crowland, Humberstone, Moulton, Pelham, Thorold, Wainfleet and Willoughby twps. | 257,725.22 | 1,110.8 | 10,830.22 | 6,735.60 | 12,324.10 |
| **Woodbridge** R.P.D.—Albion, Chinguacousy, Etobicoke, King, Toronto, Toronto Gore, Vaughan, and York N. twps. | 157,586.59 | 537.6 | 5,241.56 | 2,854.73 | 7,406.73 |
| **Woodstock** R.P.D.—Blandford, Blenheim, Burford, Oxford E., Oxford N., Oxford W., Zorra E. and Zorra W. twps. | 146,963.97 | 555.8 | 5,419.01 | 3,179.01 | 6,976.38 |
| Totals—Rural power districts | 7,545,306.99 | 26,347.8 | 256,889.06 | 168,528.72 | 356,219.72 |
| Totals—Municipalities | 144,489,216.85 | 601,235.4 | 5,862,002.07 | 2,746,353.77 | 6,922,536.16 |
| Totals—Rural power districts | 7,545,306.99 | 26,347.8 | 256,889.06 | 168,528.72 | 356,219.72 |
| Totals—Companies | 45,398,792.54 | 211,942.8 | 2,066,427.07 | 909,277.95 | 2,237,911.35 |
| Totals—Local distribution system | 1,374,346.03 | 4,887.2 | 47,649.85 | 79,978.66 | 74,087.66 |
| | 198,807,662.41 | | | | |
| Non-operating capital | 1,047,150.06 | | | | |
| Grand totals | 199,854,812.47 | 844,413.2 | 8,232,968.05 | 3,904,139.10 | 9,590,754.89 |

**SYSTEM** *N.—COST OF POWER*

**Municipality as the Cost—under Power Commission Act—of Power supplied to it reserve of the system and proportionately applied in reduction of such Municipality; and the amount remaining to be credited or supplied to it in the year ending October 31, 1935.**

| costs and fixed charges | | Total cost of power for year | Amount appropriated from contingency reserve and proportionately applied in reduction of such cost | Amounts charged to each municipality in respect of power supplied to it in the year | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking fund | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 461.99 | 504.18 | 6,207.77 | 417.00 | 5,790.77 | 5,790.77 | see page | 189 |
| 887.06 | 967.26 | 11,908.39 | 821.50 | 11,086.89 | 11,086.89 | " | " |
| 588.69 | 638.96 | 8,036.59 | 523.25 | 7,513.34 | 7,513.34 | " | " |
| 830.54 | 803.77 | 9,121.87 | 527.75 | 8,594.12 | 8,594.12 | " | " |
| 349.00 | 335.88 | 3,999.45 | 213.50 | 3,785.95 | 3,785.95 | " | " |
| 1,790.72 | 2,059.31 | 23,259.05 | 1,986.50 | 21,272.55 | 21,272.55 | " | " |
| 453.71 | 534.53 | 6,903.67 | 516.50 | 6,387.17 | 6,387.17 | " | " |
| 84.71 | 82.58 | 948.42 | 53.50 | 894.92 | 894.92 | " | " |
| 1,873.01 | 2,433.07 | 34,196.00 | 2,777.00 | 31,419.00 | 31,419.00 | " | " |
| 1,355.78 | 1,523.08 | 18,381.88 | 1,344.00 | 17,037.88 | 17,037.88 | " | " |
| 1,173.46 | 1,406.60 | 18,154.46 | 1,389.50 | 16,764.96 | 16,764.96 | " | " |
| 63,546.59 | 72,637.62 | 917,821.71 | 65,869.50 | 851,952.21 | 851,952.21 | " | " |
| 997,619.73 | 1,369,167.18 | 17,897,678.91 | 1,503,088.50 | 16,394,590.41 | 16,297,159.27 | 151,720.66 | 249,151.80 |
| 63,546.59 | 72,637.62 | 917,821.71 | 65,869.50 | 851,952.21 | 851,952.21 | .................. | .................. |
| 287,876.66 | 449,193.93 | 5,950,686.96 | .................. | 5,950,686.96 | 4,647,981.44 | .................. | *1,302,705.52 |
| 16,654.95 | 10,791.06 | 229,162.18 | .................. | 229,162.18 | 221,994.49 | .................. | *7,167.69 |
| .................. | .................. | .................. | .................. | .................. | .................. | .................. | .................. |
| .................. | .................. | .................. | .................. | .................. | .................. | .................. | .................. |
| 1,365,697.93 | 1,901,789.79 | 24,995,349.76 | 1,568,958.00 | 23,426,391.76 | 22,019,087.41 | 151,720.66 | 1,559,025.01 |

*Written off to contingencies reserve.

## NIAGARA SYSTEM—

**Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged (by annual adjustment) of the actual costs**

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | Cost of operation maintenance and administration |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Acton R.P.D. | 16,097.45 | 8,048.72 | 8,048.73 | 333.32 | 430.53 |
| Ailsa Craig R.P.D. | 9,527.00 | 4,763.50 | 4,763.50 | 249.88 | 223.23 |
| Alvinston R.P.D. | 5,607.16 | 2,803.58 | 2,803.58 | 213.49 | 83.53 |
| Amherstburg R.P.D. | 146,232.17 | 73,030.58 | 73,201.59 | 18,989.60 | 4,792.21 |
| Aylmer R.P.D. | *205,528.01 | 101,056.45 | 104,471.56 | 9,061.93 | 5,870.90 |
| Ayr R.P.D. | *42,917.62 | 21,423.33 | 21,494.29 | 1,349.70 | 1,536.11 |
| Baden R.P.D. | *182,275.47 | 90,770.43 | 91,505.04 | 12,431.17 | 4,973.05 |
| Beamsville R.P.D. | 379,920.81 | 184,007.86 | 195,912.95 | 32,117.07 | 14,986.40 |
| Belle River R.P.D. | 88,489.26 | 44,168.47 | 44,320.79 | 6,816.25 | 3,556.46 |
| Blenheim R.P.D. | *112,266.59 | 55,059.90 | 57,206.69 | 4,747.57 | 3,640.48 |
| Bond Lake R.P.D. | 365,741.09 | 182,870.55 | 182,870.54 | 34,044.31 | 14,720.78 |
| Bothwell R.P.D. | *62,332.01 | 30,612.64 | 31,719.37 | 7,352.66 | 2,868.69 |
| Brampton R.P.D. | 83,802.71 | 41,901.35 | 41,901.36 | 4,393.34 | 2,698.42 |
| Brant R.P.D. | *242,340.94 | 120,050.66 | 122,290.28 | 14,758.02 | 8,075.38 |
| Brigden R.P.D. | 55,610.71 | 27,805.35 | 27,805.36 | 2,160.53 | 1,234.73 |
| Burford R.P.D. | 100,819.31 | 50,409.66 | 50,409.65 | 5,285.56 | 2,834.28 |
| Caledonia R.P.D. | 212,686.71 | 106,097.43 | 106,589.28 | 9,506.70 | 6,394.46 |
| Chatham R.P.D. | 269,930.02 | 134,663.83 | 135,266.19 | 13,261.02 | 8,732.53 |
| Chippawa R.P.D. | 63,383.33 | 31,688.79 | 31,694.54 | 2,490.37 | 2,385.12 |
| Clinton R.P.D. | 128,915.26 | 63,399.33 | 65,515.93 | 5,355.75 | 4,211.29 |
| Delaware R.P.D. | *239,175.09 | 118,583.83 | 120,591.26 | 9,023.49 | 7,133.19 |
| Dorchester R.P.D. | *210.954.08 | 104,169.75 | 106,784.33 | 10,055.72 | 6,811.45 |
| Dresden R.P.D. | 36,290.42 | 18,145.21 | 18,145.21 | 1,455.94 | 706.86 |
| Drumbo R.P.D. | *107,578.82 | 53,003.63 | 54,575.19 | 3,487.16 | 3,688.02 |
| Dundas R.P.D. | 258,398.10 | 125,738.76 | 132,659.34 | 16,604.32 | 7,243.95 |
| Dunnville R.P.D. | 47,023.91 | 23,511.96 | 23,511.95 | 1,633.69 | 1,259.58 |
| Dutton R.P.D. | 76,029.47 | 38,014.74 | 38,014.73 | 4,891.29 | 3,523.61 |
| Elmira R.P.D. | 36,076.70 | 18,038.35 | 18,038.35 | 2,816.65 | 1,275.08 |
| Elora R.P.D. | 87,411.22 | 43,486.70 | 43,924.52 | 3,452.82 | 4,116.93 |
| Essex R.P.D. | *143,734.31 | 70,893.38 | 72,840.93 | 6,693.81 | 4,304.96 |
| Exeter R.P.D. | *152,576.41 | 75,556.53 | 77,019.88 | 10,955.62 | 6,804.73 |
| Forest R.P.D. | *65,006.82 | 31,756.33 | 33,250.49 | 1,815.72 | 2,306.76 |
| Galt R.P.D. | 84,288.81 | 42,144.41 | 42,144.40 | 6,373.79 | 3,110.63 |
| Georgetown R.P.D. | 106,791.89 | 53,395.94 | 53,395.95 | 4,330.38 | 3,121.26 |
| Goderich R.P.D. | 77,030.13 | 38,249.36 | 38,780.77 | 4,529.27 | 2,385.83 |
| Grantham R.P.D. | 145,256.76 | 70,248.38 | 75,008.38 | 16,003.28 | 8,384.86 |
| Guelph R.P.D. | 195,830.77 | 97,888.95 | 97,941.82 | 12,860.45 | 6,983.33 |
| Haldimand R.P.D. | *122,114.94 | 59,066.91 | 63,048.03 | 7,788.52 | 4,414.86 |
| Harriston R.P.D. | *33,001.21 | 16,220.45 | 16,780.76 | 704.57 | 1,120.42 |
| Harrow R.P.D. | 141,760.37 | 70,880.19 | 70,880.18 | 13,788.35 | 5,379.21 |
| Ingersoll R.P.D. | 300,764.29 | 150,382.15 | 150,382.14 | 13,216.68 | 7,677.85 |
| Jordan R.P.D. | 109,601.79 | 54,597.46 | 55,004.33 | 8,334.74 | 5,009.23 |
| Keswick R.P.D. | 175,223.31 | 85,034.21 | 90,189.10 | 19,386.47 | 6,868.39 |
| Kingsville R.P.D. | *303,532.75 | 149,605.91 | 153,926.84 | 20,729.22 | 10,999.60 |
| Listowel R.P.D. | 122,951.70 | 61,475.85 | 61,475.85 | 5,218.28 | 4,626.59 |

Note—Items marked * include portions of transmission lines aggregating $45,249.91 used for purposes of rural power districts.

**RURAL POWER DISTRICTS** *N.—RURAL OPERATING*

**District, the revenue collected from (or charged to) customers within each District, to the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|---|---|---|---|---|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 349.95 | 315.38 | 157.69 | 83.02 | 1,669.89 | 1,483.75 | ........ | 186.14 |
| 211.13 | 190.27 | 95.14 | 50.09 | 1,019.74 | 878.77 | ........ | 140.97 |
| 124.43 | 112.14 | 56.07 | 29.52 | 619.18 | 451.75 | ........ | 167.43 |
| 3,225.37 | 2,903.36 | 1,451.68 | 765.21 | 32,127.43 | 34,017.92 | 1,890.49 | ........ |
| 4,510.24 | 3,996.44 | 1,998.22 | 1,070.04 | 26,507.77 | 30,687.95 | 4,180.18 | ........ |
| 947.13 | 852.16 | 426.08 | 224.71 | 5,335.89 | 4,481.68 | ........ | 854.21 |
| 3,953.93 | 3,548.88 | 1,774.44 | 938.05 | 27,619.52 | 24,643.14 | ........ | 2,976.38 |
| 8,486.73 | 7,282.34 | 3,641.17 | 2,013.45 | 68,527.16 | 75,740.24 | 7,213.08 | ........ |
| 1,955.74 | 1,759.52 | 879.75 | 463.99 | 15,431.71 | 16,852.94 | 1,421.23 | ........ |
| 2,501.68 | 2,211.64 | 1,105.83 | 593.51 | 14,800.71 | 17,016.96 | 2,216.25 | ........ |
| 7,913.41 | 7,131.76 | 3,565.88 | 1,877.43 | 69,253.57 | 71,069.34 | 1,815.77 | ........ |
| 1,399.55 | 1,239.17 | 619.59 | 332.04 | 13,811.70 | 14,331.59 | 519.89 | ........ |
| 1,835.11 | 1,653.84 | 826.92 | 435.37 | 11,843.00 | 9,931.23 | ........ | 1,911.77 |
| 5,312.95 | 4,743.37 | 2,371.69 | 1,260.48 | 36,521.89 | 33,554.50 | ........ | 2,967.39 |
| 1,216.11 | 1,095.99 | 547.99 | 288.52 | 6,543.87 | 5,418.93 | ........ | 1,124.94 |
| 2,194.54 | 1,977.77 | 988.89 | 520.65 | 13,801.69 | 13,551.17 | ........ | 250.52 |
| 4,613.17 | 4,147.67 | 2,073.82 | 1,094.46 | 27,830.28 | 26,574.51 | ........ | 1,255.77 |
| 5,837.11 | 5,248.50 | 2,624.24 | 1,384.83 | 37,088.23 | 38,779.85 | 1,691.62 | ........ |
| 1,360.00 | 1,225.55 | 612.78 | 322.66 | 8,396.48 | 8,072.74 | ........ | 323.74 |
| 2,886.98 | 2,560.91 | 1,280.46 | 684.93 | 16,980.32 | 15,573.60 | ........ | 1,406.72 |
| 5,271.03 | 4,710.44 | 2,355.22 | 1,250.55 | 29,743.92 | 31,034.64 | 1,290.72 | ........ |
| 4,672.79 | 4,158.93 | 2,079.47 | 1,108.60 | 28,886.96 | 30,510.32 | 1,623.36 | ........ |
| 804.54 | 725.07 | 362.54 | 190.87 | 4,245.82 | 4,204.11 | ........ | 41.71 |
| 2,353.64 | 2,089.72 | 1,044.86 | 558.39 | 13,221.79 | 12,239.63 | ........ | 982.16 |
| 5,769.34 | 4,933.05 | 2,466.53 | 1,368.75 | 38,385.94 | 40,424.75 | 2,038.81 | ........ |
| 1,018.49 | 917.89 | 458.94 | 241.63 | 5,530.22 | 3,833.25 | ........ | 1,696.97 |
| 1,676.47 | 1,510.88 | 755.44 | 397.74 | 12,755.43 | 10,471.37 | ........ | 2,284.06 |
| 792.40 | 714.13 | 357.07 | 187.99 | 6,143.32 | 5,697.37 | ........ | 445.95 |
| 1,921.79 | 1,723.21 | 861.61 | 455.94 | 12,532.30 | 10,702.42 | ........ | 1,829.88 |
| 3,188.47 | 2,834.57 | 1,417.29 | 756.46 | 19,195.56 | 21,658.36 | 2,462.80 | ........ |
| 3,373.46 | 3,010.98 | 1,505.49 | 800.35 | 26,450.63 | 27,934.70 | 1,484.07 | ........ |
| 1,423.06 | 1,252.62 | 626.31 | 337.62 | 7,762.09 | 7,217.44 | ........ | 544.65 |
| 1,836.12 | 1,654.76 | 827.38 | 435.62 | 14,238.30 | 13,013.43 | ........ | 1,224.87 |
| 2,354.33 | 2,121.78 | 1,060.89 | 558.56 | 13,547.20 | 12,419.35 | ........ | 1,127.85 |
| 1,675.37 | 1,499.25 | 749.61 | 397.48 | 11,236.81 | 9,048.75 | ........ | 2,188.06 |
| 3,256.77 | 2,744.68 | 1,372.34 | 772.66 | 32,534.59 | 33,751.90 | 1,217.31 | ........ |
| 4,230.73 | 3,811.78 | 1,905.89 | 1,003.73 | 30,795.91 | 27,440.78 | ........ | 3,355.13 |
| 2,694.32 | 2,348.56 | 1,174.27 | 639.22 | 19,059.75 | 15,376.04 | ........ | 3,683.71 |
| 740.49 | 656.14 | 328.07 | 175.68 | 3,725.37 | 2,971.03 | ........ | 754.34 |
| 3,107.23 | 2,800.31 | 1,400.15 | 737.18 | 27,212.43 | 30,505.12 | 3,292.69 | ........ |
| 6,599.05 | 5,947.22 | 2,973.61 | 1,565.61 | 37,980.02 | 34,362.66 | ........ | 3,617.36 |
| 2,362.22 | 2,120.75 | 1,060.38 | 560.43 | 19,447.75 | 17,364.82 | ........ | 2,082.93 |
| 3,920.66 | 3,430.30 | 1,715.15 | 930.17 | 36,251.14 | 33,094.50 | ........ | 3,156.64 |
| 6,693.28 | 5,936.83 | 2,968.42 | 1,587.96 | 48,915.31 | 53,071.62 | 4,156.31 | ........ |
| 2,706.96 | 2,439.58 | 1,219.79 | 642.22 | 16,853.42 | 15,733.83 | ........ | 1,119.59 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## NIAGARA SYSTEM—

### Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged (by annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | Cost of operation maintenance and administration |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| London R.P.D. | *480,003.83 | 239,415.42 | 240,588.41 | 50,288.80 | 20,382.74 |
| Lucan R.P.D. | *67,800.59 | 33,698.88 | 34,101.71 | 1,856.55 | 1,304.25 |
| Lynden R.P.D. | 104,539.47 | 51,827.28 | 52,712.19 | 5,256.36 | 2,988.29 |
| Markham R.P.D. | *264,037.85 | 131,869.82 | 132,168.03 | 15,007.49 | 7,506.15 |
| Merlin R.P.D. | 150,418.49 | 75,209.24 | 75,209.25 | 7,095.60 | 2,870.61 |
| Milton R.P.D. | *117,767.97 | 58,879.34 | 58,888.63 | 5,737.22 | 3,315.58 |
| Milverton R.P.D. | 67,461.08 | 33,730.54 | 33,730.54 | 2,593.55 | 2,680.89 |
| Mitchell R.P.D. | 112,953.42 | 56,476.71 | 56,476.71 | 6,564.69 | 4,271.07 |
| Newmarket R.P.D. | 131,931.28 | 65,965.64 | 65,965.64 | 8,176.28 | 4,942.55 |
| Niagara R.P.D. | *134,428.97 | 66,868.94 | 67,560.03 | 12,064.19 | 4,808.39 |
| Norwich R.P.D. | *196,053.27 | 95,918.97 | 100,134.30 | 8,858.05 | 6,710.84 |
| Oil Springs R.P.D. | 30,145.46 | 15,072.73 | 15,072.73 | 1,560.54 | 1,318.54 |
| Palmerston R.P.D. | *62,186.36 | 30,672.96 | 31,513.40 | 1,845.69 | 2,075.33 |
| Petrolia R.P.D. | *26,566.61 | 12,729.94 | 13,836.67 | 1,076.66 | 1,056.52 |
| Preston R.P.D. | *354,630.07 | 176,150.73 | 178,479.34 | 26,128.31 | 9,711.49 |
| Ridgetown R.P.D. | 207,548.10 | 103,774.05 | 103,774.05 | 11,147.99 | 6,645.74 |
| St. Jacobs R.P.D. | 111,734.16 | 55,581.35 | 56,152.81 | 7,221.88 | 4,413.28 |
| St. Marys R.P.D. | 204,332.27 | 102,166.14 | 102,166.13 | 8,155.24 | 5,736.46 |
| St. Thomas R.P.D. | 322,920.46 | 160,766.48 | 162,153.98 | 19,954.62 | 11,816.93 |
| Saltfleet R.P.D. | 308,288.21 | 151,304.60 | 156,983.61 | 28,259.25 | 13,593.18 |
| Sandwich R.P.D. | 346,623.18 | 173,306.88 | 173,316.30 | 28,739.19 | 19,215.29 |
| Sarnia R.P.D. | *223,247.63 | 109,452.44 | 113,795.19 | 18,790.69 | 10,416.38 |
| Scarboro R.P.D. | 220,801.77 | 110,400.88 | 110,400.89 | 11,600.82 | 6,232.73 |
| Seaforth R.P.D. | 31,554.48 | 15,159.30 | 16,395.18 | 2,134.98 | 1,696.19 |
| Simcoe R.P.D. | 141,223.20 | 70,441.31 | 70,781.89 | 7,372.32 | 4,117.10 |
| Stamford R.P.D. | 41,370.86 | 20,685.43 | 20,685.43 | 4,481.75 | 3,857.30 |
| Stratford R.P.D. | 67,119.43 | 33,298.86 | 33,820.57 | 4,734.14 | 2,790.37 |
| Strathroy R.P.D. | 105,701.28 | 52,673.87 | 53,027.41 | 3,799.33 | 2,448.71 |
| Streetsville R.P.D. | 194,222.57 | 97,111.29 | 97,111.28 | 10,508.58 | 5,268.73 |
| Tavistock R.P.D. | 141,553.89 | 70,760.54 | 70,793.35 | 5,721.00 | 3,579.26 |
| Thamesville R.P.D. | 110,018.20 | 54,757.61 | 55,260.59 | 3,604.43 | 3,595.10 |
| Tilbury R.P.D. | *126,722.60 | 62,633.99 | 64,088.61 | 5,790.77 | 2,787.54 |
| Tillsonburg R.P.D. | 217,814.28 | 108,907.14 | 108,907.14 | 11,086.89 | 6,177.91 |
| Wallaceburg R.P.D. | 169,152.15 | 84,192.10 | 84,960.05 | 7,513.34 | 5,794.92 |
| Walsingham R.P.D. | *228,248.87 | 113,845.92 | 114,402.95 | 8,594.12 | 5,558.40 |
| Walton R.P.D. | *84,135.36 | 40,283.00 | 43,852.36 | 3,785.95 | 3,604.88 |
| Waterdown R.P.D. | 238,716.30 | 109,004.99 | 129,711.31 | 21,272.55 | 9,646.38 |
| Waterford R.P.D. | 125,297.79 | 62,648.89 | 62,648.90 | 6,387.17 | 3,104.77 |
| Watford R.P.D. | 24,114.02 | 12,057.01 | 12,057.01 | 894.92 | 563.32 |
| Welland R.P.D. | 682,357.69 | 336,819.15 | 345,538.54 | 31,419.00 | 22,906.72 |
| Woodbridge R.P.D. | *375,265.36 | 186,684.37 | 188,580.99 | 17,037.88 | 10,474.79 |
| Woodstock R.P.D. | 235,772.20 | 117,886.10 | 117,886.10 | 16,764.96 | 8,631.45 |
| Total capital | 13,739,608.73 | 6,805,812.58 | 6,933,796.15 | ........ | ........ |
| Non-operating capital | 30,362.46 | 15,152.72 | 15,209.74 | ........ | ........ |
| Grand totals | 13,769,971.19 | 6,820,965.30 | 6.949,005.89 | 851,952.21 | 474,122.83 |

Note—Items marked * include portions of transmission lines aggregating $45,249.91 used for purposes of rural power districts.

**RURAL POWER DISTRICTS** *N.—RURAL OPERATING*

**District, the revenue collected from (or charged to) customers within each District, to the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|---|---|---|---|---|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 10,519.74 | 9,457.28 | 4,728.63 | 2,495.78 | 97,872.97 | 96,937.41 | | 935.56 |
| 1,351.48 | 1,209.93 | 604.97 | 320.64 | 6,647.82 | 6,495.56 | | 152.26 |
| 2,235.39 | 1,996.89 | 998.44 | 530.35 | 14,005.72 | 13,055.95 | | 949.77 |
| 5,551.17 | 4,998.04 | 2,499.02 | 1,317.00 | 36,878.87 | 41,232.97 | 4,354.10 | |
| 3,268.56 | 2,945.70 | 1,472.85 | 775.46 | 18,428.78 | 18,131.59 | | 297.19 |
| 2,589.88 | 2,333.87 | 1,166.94 | 614.44 | 15,757.93 | 15,554.43 | | 203.50 |
| 1,489.25 | 1,342.15 | 671.07 | 353.32 | 9,130.23 | 8,024.25 | | 1,105.98 |
| 2,487.21 | 2,241.53 | 1,120.77 | 590.08 | 17,275.35 | 16,684.96 | | 590.39 |
| 2,896.99 | 2,610.84 | 1,305.42 | 687.30 | 20,619.38 | 20,455.58 | | 163.80 |
| 2,942.24 | 2,637.80 | 1,318.90 | 698.04 | 24,469.56 | 26,016.78 | 1,547.22 | |
| 4,344.06 | 3,830.66 | 1,915.33 | 1,030.62 | 26,689.56 | 26,158.88 | | 530.68 |
| 663.10 | 597.60 | 298.80 | 157.32 | 4,595.90 | 5,200.51 | 604.61 | |
| 1,380.06 | 1,226.94 | 613.47 | 327.42 | 7,468.91 | 5,309.99 | | 2,158.92 |
| 611.44 | 528.91 | 264.45 | 145.07 | 3,683.05 | 3,667.85 | | 15.20 |
| 7,662.92 | 6,859.43 | 3,429.72 | 1,818.00 | 55,609.87 | 56,282.45 | 672.58 | |
| 4,572.39 | 4,120.75 | 2,060.38 | 1,084.79 | 29,632.04 | 29,445.99 | | 186.05 |
| 2,445.31 | 2,192.35 | 1,096.17 | 580.15 | 17,949.14 | 17,353.83 | | 595.31 |
| 4,487.98 | 4,044.68 | 2,022.34 | 1,064.76 | 25,511.46 | 21,877.52 | | 3,633.94 |
| 7,087.70 | 6,359.86 | 3,179.93 | 1,681.54 | 50,080.58 | 48,201.62 | | 1,878.96 |
| 6,808.51 | 5,918.41 | 2,959.21 | 1,615.30 | 59,153.86 | 67,082.74 | 7,928.88 | |
| 7,610.94 | 6,859.06 | 3,429.53 | 1,805.68 | 67,659.69 | 71,770.24 | 4,110.55 | |
| 4,958.59 | 4,381.95 | 2,190.98 | 1,176.41 | 41,915.00 | 46,759.95 | 4,844.95 | |
| 4,752.52 | 4,283.09 | 2,141.54 | 1,127.52 | 30,138.22 | 38,310.34 | 8,172.12 | |
| 710.88 | 615.95 | 307.98 | 168.65 | 5,634.63 | 4,948.88 | | 685.75 |
| 3,054.47 | 2,745.95 | 1,372.98 | 724.67 | 19,387.49 | 18,834.47 | | 553.02 |
| 911.96 | 821.88 | 410.94 | 216.36 | 10,700.19 | 11,743.21 | 1,043.02 | |
| 1,487.83 | 1,330.44 | 665.22 | 352.98 | 11,360.98 | 11,664.99 | 304.01 | |
| 2,325.71 | 2,088.92 | 1,044.46 | 551.77 | 12,258.90 | 11,749.03 | | 509.87 |
| 4,252.65 | 3,832.59 | 1,916.29 | 1,008.93 | 26,787.77 | 24,700.05 | | 2,087.72 |
| 2,893.18 | 2,606.91 | 1,303.46 | 686.40 | 16,790.21 | 16,223.08 | | 567.13 |
| 2,416.96 | 2,168.16 | 1,084.08 | 573.42 | 13,442.15 | 13,065.67 | | 376.48 |
| 2,575.39 | 2,291.91 | 1,145.96 | 611.01 | 15,202.58 | 16,109.89 | 907.31 | |
| 4,695.17 | 4,231.40 | 2,115.70 | 1,113.92 | 29,420.99 | 28,775.11 | | 645.88 |
| 3,560.04 | 3,193.04 | 1,596.52 | 844.61 | 22,502.47 | 22,530.08 | 27.61 | |
| 4,570.94 | 4,108.30 | 2,054.15 | 1,084.44 | 25,970.35 | 25,840.90 | | 129.45 |
| 1,873.00 | 1,617.18 | 808.58 | 444.36 | 12,133.95 | 11,879.95 | | 254.00 |
| 5,354.84 | 4,003.79 | 2,001.89 | 1,270.42 | 43,549.87 | 50,962.00 | 7,412.13 | |
| 2,728.93 | 2,459.38 | 1,229.69 | 647.43 | 16,557.37 | 17,247.94 | 690.57 | |
| 532.27 | 479.69 | 239.85 | 126.28 | 2,836.33 | 3,050.13 | 213.80 | |
| 15,098.73 | 13,337.76 | 6,668.88 | 3,582.13 | 93,013.22 | 96,614.67 | 3,601.45 | |
| 8,056.14 | 7,222.57 | 3,611.28 | 1,911.29 | 48,313.95 | 52,969.60 | 4,655.65 | |
| 5,176.21 | 4,664.93 | 2,332.46 | 1,228.04 | 38.798.05 | 37,431.37 | | 1,366.68 |
| | | | | | | | |
| | | | | | | | |
| 300,271.00 | 267,088.56 | 133,544.28 | 71,238.47 | 2,098,217.35 | 2,123,547.16 | 89,605.14 | 64,275.33 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Acton | Jan. 1913 | 1,008.44 | | | 1,008.44 |
| Agincourt | Nov. 1922 | 151.90 | | | 151.90 |
| Ailsa Craig | Jan. 1916 | | 156.58 | 156.58 | |
| Alvinston | April 1922 | | 183.30 | 5,883.80 | 3,368.12 |
| Amherstburg | Nov. 1925 | 1,334.37 | | | 1,334.37 |
| Ancaster twp | May 1923 | 118.23 | | | 118.23 |
| Arkona | Dec. 1926 | | 130.09 | 130.09 | |
| Aylmer | Mar. 1918 | 542.19 | | | 542.19 |
| Ayr | Jan. 1915 | 67.75 | | | 67.75 |
| Baden | May 1912 | 313.34 | | | 313.34 |
| Beachville | Aug. 1912 | 227.68 | | | 227.68 |
| Belle River | Dec. 1922 | 158.14 | | | 158.14 |
| Blenheim | Nov. 1915 | 313.69 | | | 313.69 |
| Blyth | July 1924 | 305.39 | | | 305.39 |
| Bolton | Feb. 1915 | 67.54 | | | 67.54 |
| Bothwell | Sept. 1915 | 53.71 | | 4.08 | 57.79 |
| Brampton | Nov. 1911 | 1,946.62 | | | 1,946.62 |
| Brantford | Feb. 1914 | | 6,175.14 | 6,175.14 | |
| Brantford twp | May 1924 | 243.55 | | | 243.55 |
| Bridgeport | Mar. 1928 | | 121.08 | 121.08 | |
| Brigden | Jan. 1918 | | 4.80 | 4.80 | |
| Brussels | July 1924 | 468.67 | | | 468.67 |
| Burford | June 1915 | 355.72 | | | 355.72 |
| Burgessville | Nov. 1916 | | 206.90 | 206.90 | |
| Caledonia | Oct. 1912 | 189.22 | | | 189.22 |
| Campbellville | Jan. 1925 | | 112.87 | 112.87 | |
| Cayuga | Nov. 1924 | | 368.84 | 368.84 | |
| Chatham | Feb. 1915 | 1,633.07 | | | 1,633.07 |
| Chippawa | Sept. 1919 | | 176.27 | 176.27 | |
| Clifford | May 1924 | 205.15 | | | 205.15 |
| Clinton | Mar. 1914 | 167.41 | | | 167.41 |
| Comber | May 1915 | 332.22 | | | 332.22 |
| Cottam | Nov. 1926 | | 130.10 | 130.10 | |
| Courtright | Dec. 1923 | 160.36 | | | 160.36 |
| Dashwood | Sept. 1917 | 2.08 | | | 2.08 |
| Delaware | Mar. 1915 | | 127.16 | 127.16 | |
| Dorchester | Dec. 1914 | | 168.53 | 168.53 | |
| Drayton | Mar. 1918 | 210.73 | | | 210.73 |
| Dresden | April 1915 | 903.01 | | | 903.01 |
| Drumbo | Dec. 1914 | | 8.29 | 8.29 | |
| Dublin | Oct. 1917 | | 644.54 | | |
| Dundas | Jan. 1911 | 565.30 | | | 565.30 |
| Dunnville | June 1918 | 1,074.19 | | | 1,074.19 |
| Dutton | Sept. 1915 | 342.76 | | | 342.76 |
| East Windsor | Nov. 1922 | | 540.14 | 540.14 | |

SYSTEM *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 16.58 | | 2,538.24 | | 2,554.82 | |
| 2.73 | | 478.24 | | 480.97 | |
| | 3.02 | 435.80 | | 432.78 | |
| 206.58 | | 1,581.91 | | 4,120.87 | |
| 21.50 | | 1,239.75 | | 1,261.25 | |
| 1.98 | | | 121.02 | | 119.04 |
| | 2.23 | 355.19 | | 352.96 | |
| 9.74 | | 1,280.26 | | 1,290.00 | |
| 1.11 | | 590.79 | | 591.90 | |
| 5.08 | | 173.85 | | 178.93 | |
| 4.09 | | 608.73 | | 612.82 | |
| 2.84 | | 266.19 | | 269.03 | |
| 5.64 | | 678.29 | | 683.93 | |
| 4.76 | | 529.51 | | 534.27 | |
| 1.04 | | 393.18 | | 394.22 | |
| 0.99 | | 279.49 | | 280.48 | |
| 32.00 | | 3,159.39 | | 3,191.39 | |
| | 100.16 | | 3,730.10 | | 3,830.26 |
| 4.00 | | 424.40 | | 428.40 | |
| | 2.04 | 185.57 | | 183.53 | |
| | 0.08 | 346.89 | | 346.81 | |
| 8.70 | | 699.01 | | 707.71 | |
| 6.86 | | 176.76 | | 183.62 | |
| | 6.87 | 55.98 | | 49.11 | |
| 3.05 | | 413.89 | | 416.94 | |
| | 1.86 | 76.60 | | 74.74 | |
| | 9.30 | 63.84 | | 54.54 | |
| 26.67 | | 3,765.11 | | 3,791.78 | |
| | 2.86 | | 236.62 | | 239.48 |
| 3.19 | | 430.61 | | 433.80 | |
| 2.75 | | 713.45 | | 716.20 | |
| 5.42 | | 929.68 | | 935.10 | |
| | 2.01 | 88.27 | | 86.26 | |
| 2.13 | | 309.60 | | 311.73 | |
| 0.04 | | 470.10 | | 470.14 | |
| | 2.27 | | 87.06 | | 89.33 |
| | 3.16 | 259.01 | | 255.85 | |
| 3.46 | | 633.29 | | 636.75 | |
| 14.74 | | 1,071.01 | | 1,085.75 | |
| | 0.14 | 324.30 | | 324.16 | |
| | 25.78 | 39.81 | | | 630.51 |
| 10.16 | | 1,134.64 | | 1,144.80 | |
| 19.89 | | 1,982.66 | | 2,002.55 | |
| 5.45 | | 404.55 | | 410.00 | |
| | 8.70 | 1,881.19 | | 1,872.49 | |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Elmira | Nov. 1913 | | 244.95 | 244.95 | |
| Elora | Nov. 1914 | | 539.67 | 549.32 | 9.65 |
| Embro | Jan. 1915 | 531.74 | | | 531.74 |
| Erieau | July 1924 | 245.19 | | | 245.19 |
| Erie Beach | July 1925 | | 50.34 | 50.34 | |
| Essex | Nov. 1923 | 158.19 | | | 158.19 |
| Etobicoke twp. | Aug. 1917 | 1,178.27 | | | 1,178.27 |
| Exeter | June 1916 | | 362.40 | 362.40 | |
| Fergus | Nov. 1914 | | 145.55 | 145.55 | |
| Fonthill | June 1926 | 476.46 | | | 476.46 |
| Forest | Mar. 1917 | 496.44 | | | 496.44 |
| Galt | May 1911 | | 6,434.28 | 6,434.28 | |
| Georgetown | Sept. 1913 | 1,851.17 | | | 1,851.17 |
| Glencoe | Aug. 1920 | 209.15 | | | 209.15 |
| Goderich | Feb. 1914 | 270.51 | | | 270.51 |
| Granton | July 1916 | | 221.93 | 221.93 | |
| Guelph | Dec. 1910 | 2,159.68 | | | 2,159.68 |
| Hagersville | Sept. 1913 | 215.40 | | | 215.40 |
| Hamilton | Feb. 1911 | | 55,409.13 | 55,409.13 | |
| Harriston | July 1916 | 657.90 | | | 657.90 |
| Harrow | Nov. 1923 | 330.93 | | | 330.93 |
| Hensall | Jan. 1917 | | 35.19 | 35.19 | |
| Hespeler | Feb. 1911 | 661.16 | | | 661.16 |
| Highgate | Dec. 1916 | 143.19 | | | 143.19 |
| Humberstone | Oct. 1924 | 129.46 | | | 129.46 |
| Ingersoll | May 1911 | | 5,956.62 | 193.59 | |
| Jarvis | Feb. 1924 | | 420.74 | 420.74 | |
| Kingsville | Nov. 1923 | | 229.58 | 229.58 | |
| Kitchener | Jan. 1911 | | 3,114.12 | 3,114.12 | |
| Lambeth | April 1915 | 68.72 | | | 68.72 |
| La Salle | Nov. 1925 | | 348.99 | 348.99 | |
| Leamington | Nov. 1923 | | 1,150.51 | 1,150.51 | |
| Listowel | June 1916 | 1,054.61 | | | 1,054.61 |
| London | Jan. 1911 | | 23,750.54 | 23,750.54 | |
| London Railway Commission | Aug. 1914 | | 7,497.85 | 7,159.32 | |
| London twp. | Jan. 1925 | 42.62 | | | 42.62 |
| Long Branch | Jan. 1931 | 719.64 | | | 719.64 |
| Lucan | Feb. 1915 | | 136.49 | 136.49 | |
| Lynden | Nov. 1915 | 222.58 | | | 222.58 |
| Markham | April 1920 | 359.29 | | | 359.29 |
| Merlin | Dec. 1922 | 94.69 | | 3.23 | 97.92 |
| Merritton | Nov. 1920 | | 2,595.12 | 2,595.12 | |
| Milton | April 1913 | | 144.11 | 144.11 | |
| Milverton | June 1916 | 187.19 | | | 187.19 |
| Mimico | May 1912 | | 618.75 | 618.75 | |

**SYSTEM** *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 3.95 | 2,168.06 | | 2,164.11 | |
| | 10.23 | 544.30 | | 534.07 | |
| 8.03 | | 453.92 | | 461.95 | |
| 4.12 | | 500.47 | | 504.59 | |
| | 1.11 | 133.78 | | 132.67 | |
| 2.84 | | 596.81 | | 599.65 | |
| 19.37 | | | 24.99 | | 5.62 |
| | 5.92 | 903.53 | | 897.61 | |
| | 2.36 | 2,953.90 | | 2,951.54 | |
| 7.94 | | 273.17 | | 281.11 | |
| 7.89 | | 1,431.29 | | 1,439.18 | |
| | 92.37 | | 4,016.77 | | 4,109.14 |
| 33.27 | | 3,470.07 | | 3,503.34 | |
| 3.44 | | 931.72 | | 935.16 | |
| 4.36 | | 336.89 | | 341.25 | |
| | 3.79 | 61.68 | | 57.89 | |
| 38.82 | | 5,073.34 | | 5,112.16 | |
| 3.99 | | 196.04 | | 200.03 | |
| | 862.26 | | 39,882.21 | | 40,744.47 |
| 11.82 | | 1,122.05 | | 1,133.87 | |
| 5.44 | | 791.91 | | 797.35 | |
| | 0.57 | 1,054.02 | | 1,053.45 | |
| 11.88 | | 1,743.54 | | 1,755.42 | |
| 2.28 | | 157.33 | | 159.61 | |
| 2.13 | | 277.96 | | 280.09 | |
| | 233.86 | | 750.16 | | 6,747.05 |
| | 6.92 | | 72.32 | | 79.24 |
| | 4.13 | 401.78 | | 397.65 | |
| | 62.79 | | 3,884.81 | | 3,947.60 |
| 1.27 | | 126.82 | | 128.09 | |
| | 6.62 | | 86.03 | | 92.65 |
| | 17.78 | 354.61 | | 336.83 | |
| 17.57 | | 1,934.88 | | 1,952.45 | |
| | 395.62 | | 25,232.88 | | 25,628.50 |
| | 201.84 | | 4,839.63 | | 5,380.00 |
| 0.71 | | 511.07 | | 511.78 | |
| 11.83 | | 1,011.16 | | 1,022.99 | |
| | 2.18 | 253.78 | | 251.60 | |
| 4.12 | | 608.98 | | 613.10 | |
| 6.61 | | 2,012.93 | | 2,019.54 | |
| 1.76 | | 502.16 | | 503.92 | |
| | 42.66 | | 2,660.78 | | 2,703.44 |
| | 2.34 | 55.81 | | 53.47 | |
| 3.12 | | 355.34 | | 358.46 | |
| | 13.02 | | 1,151.94 | | 1,164.96 |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Mitchell | Sept. 1911 | | 561.07 | 561.07 | |
| Moorefield | Mar. 1918 | 50.71 | | 5.34 | 56.05 |
| Mount Brydges | Mar. 1915 | 75.80 | | | 75.80 |
| Newbury | Mar. 1921 | 98.70 | | | 98.70 |
| New Hamburg | Mar. 1911 | 426.58 | | | 426.58 |
| New Toronto | Feb. 1914 | 6,604.15 | | | 6,604.15 |
| Niagara Falls | Dec. 1915 | | 40,461.67 | 19,152.51 | |
| Niagara-on-the-Lake | Aug. 1919 | 777.60 | | | 777.60 |
| Norwich | May 1912 | | 370.00 | 370.00 | |
| Oil Springs | Feb. 1918 | 208.32 | | | 208.32 |
| Otterville | Feb. 1916 | | 157.31 | 157.31 | |
| Palmerston | July 1916 | 890.86 | | | 890.86 |
| Paris | Feb. 1914 | | 565.45 | 565.45 | |
| Parkhill | May 1920 | | 245.01 | 245.01 | |
| Petrolia | May 1916 | 1,933.00 | | | 1,933.00 |
| Plattsville | Dec. 1914 | 58.75 | | | 58.75 |
| Point Edward | Nov. 1916 | 1,977.74 | | | 1,977.74 |
| Port Colborne | Mar. 1920 | 934.16 | | | 934.16 |
| Port Credit | Aug. 1912 | 515.19 | | | 515.19 |
| Port Dalhousie | Nov. 1912 | 157.94 | | | 157.94 |
| Port Dover | Dec. 1921 | 871.34 | | | 871.34 |
| Port Rowan | Nov. 1926 | 207.31 | | 3,717.18 | 3,924.49 |
| Port Stanley | April 1912 | 1,232.41 | | | 1,232.41 |
| Preston | Jan. 1911 | | 1,729.99 | 1,729.99 | |
| Princeton | Jan. 1915 | 226.72 | | | 226.72 |
| Queenston | Mar. 1921 | 85.21 | | | 85.21 |
| Richmond Hill | June 1925 | 320.37 | | | 320.37 |
| Ridgetown | Dec. 1915 | 21.32 | | | 21.32 |
| Riverside | Nov. 1922 | 645.15 | | | 645.15 |
| Rockwood | Sept. 1913 | 233.98 | | | 233.98 |
| Rodney | Feb. 1917 | | 557.73 | 557.73 | |
| St. Catharines | April 1914 | | 6,316.28 | 6,316.28 | |
| St. Clair Beach | Nov. 1922 | 85.49 | | | 85.49 |
| St. George | Sept. 1915 | 520.37 | | | 520.37 |
| St. Jacobs | Sept. 1917 | | 120.47 | 120.47 | |
| St. Marys | May 1911 | 1,009.07 | | | 1,009.07 |
| St. Thomas | April 1911 | | 2,230.82 | 2,230.82 | |
| Sandwich | Feb. 1924 | | 927.83 | 927.83 | |
| Sarnia | Dec. 1916 | 8,738.47 | | | 8,738.47 |
| Scarboro twp | Aug. 1918 | 2,682.07 | | | 2,682.07 |
| Seaforth | Nov. 1911 | 129.71 | | | 129.71 |
| Simcoe | Aug. 1915 | 1,947.99 | | | 1,947.99 |
| Springfield | Aug. 1917 | | 235.49 | 235.49 | |
| Stamford twp | Nov. 1916 | | 1,877.10 | | |
| Stouffville | Sept. 1923 | | 10.98 | 10.98 | |

**SYSTEM** *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments**
**or Charged to each Municipality in respect of power supplied in the year**
**as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 8.92 | | 465.26 | | 474.18 |
| 0.79 | | 142.10 | | 142.89 | |
| 1.22 | | 239.08 | | 240.30 | |
| 1.77 | | 195.30 | | 197.07 | |
| 6.83 | | 53.56 | | 60.39 | |
| 87.57 | | 9,896.38 | | 9,983.95 | |
| | 1,167.23 | | 26,196.70 | | 48,673.09 |
| 12.02 | | 516.67 | | 528.69 | |
| | 6.49 | 277.85 | | 271.36 | |
| 3.42 | | 511.28 | | 514.70 | |
| | 2.81 | 410.98 | | 408.17 | |
| 14.55 | | 1,095.44 | | 1,109.99 | |
| | 9.91 | | 569.92 | | 579.83 |
| | 5.77 | 906.30 | | 900.53 | |
| 31.78 | | 2,753.88 | | 2,785.66 | |
| 1.09 | | 539.98 | | 541.07 | |
| 32.29 | | 4,774.04 | | 4,806.33 | |
| 15.36 | | 1,301.67 | | 1,317.03 | |
| 8.81 | | 519.84 | | 528.65 | |
| 2.63 | | 286.68 | | 289.31 | |
| 16.48 | | 1,361.80 | | 1,378.28 | |
| 111.47 | | 768.46 | | 879.93 | |
| 25.95 | | 1,783.61 | | 1,809.56 | |
| | 28.82 | | 1,399.25 | | 1,428.07 |
| 4.17 | | 906.59 | | 910.76 | |
| 1.46 | | 148.18 | | 149.64 | |
| 5.90 | | 476.59 | | 482.49 | |
| 0.35 | | 547.94 | | 548.29 | |
| 10.39 | | 1,142.00 | | 1,152.39 | |
| 3.85 | | 471.16 | | 475.01 | |
| | 9.53 | | 61.62 | | 71.15 |
| | 115.68 | | 5,977.78 | | 6,093.46 |
| 1.38 | | 227.22 | | 228.60 | |
| 8.75 | | 954.72 | | 963.47 | |
| | 1.89 | 187.02 | | 185.13 | |
| 16.26 | | 2,251.96 | | 2,268.22 | |
| | 38.87 | | 1,353.66 | | 1,392.53 |
| | 15.15 | 1,030.52 | | 1,015.37 | |
| 143.65 | | 14,636.55 | | 14,780.20 | |
| 48.20 | | 3,655.93 | | 3,704.13 | |
| 2.33 | | 431.83 | | 434.16 | |
| 36.08 | | 2,086.20 | | 2,122.28 | |
| | 3.97 | 380.51 | | 376.54 | |
| | 75.08 | | 6,191.64 | | 8,143.82 |
| | 0.24 | 672.79 | | 672.55 | |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Stratford | Jan. 1911 | 3,571.67 | | | 3,571.67 |
| Strathroy | Dec. 1914 | 1,547.19 | | | 1,547.19 |
| Streetsville | Dec. 1934 | | | | |
| Sutton | Aug. 1923 | 401.85 | | | 401.85 |
| Tavistock | Nov. 1916 | 1,299.71 | | | 1,299.71 |
| Tecumseh | Nov. 1922 | 407.36 | | | 407.36 |
| Thamesford | Feb. 1914 | 462.10 | | | 462.10 |
| Thamesville | Oct. 1915 | 487.30 | | | 487.30 |
| Thedford | May 1922 | 162.50 | | | 162.50 |
| Thorndale | Mar. 1914 | | 79.70 | 81.82 | 2.12 |
| Thorold | Jan. 1921 | | 910.70 | 911.97 | 1.27 |
| Tilbury | April 1915 | 175.96 | | 3.82 | 179.78 |
| Tillsonburg | Aug. 1911 | | 1,193.43 | 1,193.43 | |
| Toronto | June 1911 | | 11,808.48 | 11,808.48 | |
| Toronto twp. | Aug. 1913 | 1,874.00 | | | 1,874.00 |
| Trafalgar twp. | Mar. 1929 | | | | |
| Walkerville | Nov. 1914 | | 9,398.53 | 9,398.53 | |
| Wallaceburg | Feb. 1915 | 1,253.05 | | | 1,253.05 |
| Wardsville | June 1921 | 10.74 | | | 10.74 |
| Waterdown | Nov. 1911 | 156.86 | | | 156.86 |
| Waterford | April 1915 | 429.47 | | | 429.47 |
| Waterloo | Dec. 1910 | | 3,297.68 | 3,352.68 | 55.00 |
| Watford | Sept. 1917 | 903.25 | | | 903.25 |
| Welland | Sept. 1917 | | 1,380.90 | 1,380.90 | |
| Wellesley | Nov. 1916 | 27.80 | | | 27.80 |
| West Lorne | Jan. 1917 | | 313.89 | 313.89 | |
| Weston | Jan. 1911 | | 16.57 | 16.57 | |
| Wheatley | Feb. 1924 | | 112.87 | 112.87 | |
| Windsor | Oct. 1914 | | 21,194.75 | 21,194.75 | |
| Woodbridge | Dec. 1914 | 289.93 | | | 289.93 |
| Woodstock | Jan. 1911 | | 2,968.75 | 2,968.75 | |
| Wyoming | Nov. 1916 | 82.42 | | | 82.42 |
| York, East, twp. | July 1925 | 1,685.12 | | | 1,685.12 |
| York, North, twp. | Nov. 1923 | | 958.80 | 958.80 | |
| Zurich | Sept. 1917 | 22.84 | | | 22.84 |
| Mimico Asylum | Sept. 1913 | | | 5.75 | 5.75 |
| Ontario Reformatory | Sept. 1913 | | | | |
| Prison Brick Yard | | | | | |
| Toronto Transportation Commission | Jan. 1927 | 983.07 | | | 983.07 |
| Totals municipalities | | 75,827.28 | 228,663.74 | 208,239.32 | 83,002.84 |
| Rural Power District* | | | | | |
| Acton R.P.D. | Feb. 1928 | | 213.61 | | |
| Ailsa Craig R.P.D. | Sept. 1930 | | 159.93 | | |
| Alvinston R.P.D. | June 1929 | | 608.58 | 171.27 | |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 58.32 | | 4,840.45 | | 4,898.77 | |
| 27.81 | | 2,734.93 | | 2,762.74 | |
| | | 164.27 | | 164.27 | |
| 6.61 | | 1,343.97 | | 1,350.58 | |
| 20.79 | | 1,649.41 | | 1,670.20 | |
| 6.56 | | 926.86 | | 933.42 | |
| 7.44 | | 333.47 | | 340.91 | |
| 7.80 | | 744.66 | | 752.46 | |
| 2.58 | | 433.04 | | 435.62 | |
| | 1.30 | 268.35 | | 267.05 | |
| | 17.57 | | 200.53 | | 218.10 |
| 3.25 | | 1,230.58 | | 1,233.83 | |
| | 19.88 | 809.48 | | 789.60 | |
| | 212.23 | | 85,646.15 | | 85,858.38 |
| 30.60 | | 1,359.73 | | 1,390.33 | |
| | | | 1,476.57 | | 1,476.57 |
| | 151.41 | | 7,968.43 | | 8,119.84 |
| 22.52 | | 4,175.46 | | 4,197.98 | |
| 0.19 | | 122.13 | | 122.32 | |
| 2.58 | | | 29.77 | | 27.19 |
| 7.72 | | 459.45 | | 467.17 | |
| | 53.67 | | 3,506.09 | | 3,559.76 |
| 14.99 | | 1,846.74 | | 1,861.73 | |
| | 27.69 | | 2,899.17 | | 2,926.86 |
| 0.45 | | 422.47 | | 422.92 | |
| | 5.71 | | 80.95 | | 86.66 |
| | 0.36 | | 70.71 | | 71.07 |
| | 1.79 | 361.80 | | 360.01 | |
| | 445.96 | | 16,590.06 | | 17,036.02 |
| 4.83 | | 1,069.23 | | 1,074.06 | |
| | 45.87 | | 1,322.77 | | 1,368.64 |
| 1.48 | | 317.66 | | 319.14 | |
| 25.85 | | 345.83 | | 371.68 | |
| | 21.86 | | 336.63 | | 358.49 |
| 0.41 | | 582.21 | | 582.62 | |
| | | 316.35 | | 316.35 | |
| | | 334.28 | | 334.28 | |
| | | | 30.82 | | 30.82 |
| 28.87 | | 1,211.11 | | 1,239.98 | |
| 1,586.23 | 4,638.46 | 151,720.66 | 249,151.80 | 155,422.47 | 283,505.82 |
| | 8.54 | | 186.14 | | 408.29 |
| | 6.40 | | 140.97 | | 307.30 |
| | 17.49 | | 167.43 | | 622.23 |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Rural power district* | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Amherstburg R.P.D. | Nov. 1923 | 34,039.22 | | | |
| Aylmer R.P.D. | Nov. 1922 | 16,457.64 | | | |
| Ayr R.P.D. | July 1926 | | 818.83 | | |
| Baden R.P.D. | Sept. 1922 | | 2,504.64 | | |
| Beamsville R.P.D. | Jan. 1923 | 47,994.06 | | | 242.56 |
| Belle River R.P.D. | Dec. 1922 | 36,078.45 | | | |
| Blenheim R.P.D. | July 1924 | 22,055.42 | | | |
| Bond Lake R.P.D. | Mar. 1924 | 57,609.24 | | | 136.50 |
| Bothwell R.P.D. | Dec. 1923 | 5,557.83 | | | |
| Brampton R.P.D. | Nov. 1923 | | 1,753.92 | | 274.87 |
| Brant R.P.D. | Oct. 1922 | | 3,228.25 | | |
| Brigden R.P.D. | Jan. 1927 | | 2,734.14 | | |
| Burford R.P.D. | Dec. 1926 | 2,173.04 | | | |
| Caledonia R.P.D. | Oct. 1925 | | 994.04 | | |
| Chatham R.P.D. | May 1922 | 19,447.21 | | | |
| Chippawa R.P.D. | July 1922 | 3,094.57 | | | |
| Clinton R.P.D. | July 1928 | | 1,702.30 | | 34.36 |
| Delaware R.P.D. | Oct. 1922 | 3,586.88 | | | |
| Dorchester R.P.D. | Dec. 1921 | 222.14 | | | |
| Dresden R.P.D. | May 1928 | | 716.31 | | |
| Drumbo R.P.D. | Aug. 1922 | | 1,751.77 | | |
| Dundas R.P.D. | Jan. 1922 | 22,851.08 | | | |
| Dunnville R.P.D. | July 1928 | | 3,407.87 | | |
| Dutton R.P.D. | Feb. 1926 | | 2,248.68 | | |
| Elmira R.P.D. | June 1926 | | 2,120.84 | | |
| Elora R.P.D. | Jan. 1926 | | 2,089.29 | | |
| Essex R.P.D. | Nov. 1924 | 24,092.90 | | | 54.85 |
| Exeter R.P.D. | Nov. 1922 | 12,978.17 | | | |
| Forest R.P.D. | Nov. 1926 | 425.37 | | | |
| Galt R.P.D. | Oct. 1922 | 1,909.04 | | | |
| Georgetown R.P.D. | Nov. 1924 | | 781.21 | | |
| Goderich R.P.D. | June 1925 | | 4,294.59 | | |
| Grantham R.P.D. | Nov. 1924 | | 2,235.32 | | |
| Guelph R.P.D. | Jan. 1925 | | 6,363.22 | | |
| Haldimand R.P.D. | Oct. 1925 | | 3,723.60 | | |
| Harriston R.P.D. | Dec. 1929 | | 1,866.20 | | |
| Harrow R.P.D. | Nov. 1923 | 23,601.54 | | | |
| Ingersoll R.P.D. | Oct. 1922 | | 4,136.73 | | |
| Jordan R.P.D. | May 1922 | 10,641.23 | | | |
| Keswick R.P.D. | Mar. 1924 | | 13,974.44 | | |
| Kingsville R.P.D. | Nov. 1923 | 42,016.57 | | 21.24 | |
| Listowel R.P.D. | Oct. 1926 | | 2,150.85 | | |
| London R.P.D. | Nov. 1922 | 17,335.49 | | 41.99 | |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

**SYSTEM** *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,361.57 | | 1,890.49 | | 37,291.28 | |
| 658.31 | | 4,180.18 | | 21,296.13 | |
| | 32.75 | | 854.21 | | 1,705.79 |
| | 100.19 | | 2,976.38 | | 5,581.21 |
| 1,911.58 | | 7,213.08 | | 56,876.16 | |
| 1,443.14 | | 1,421.23 | | 38,942.82 | |
| 882.22 | | 2,216.25 | | 25,153.89 | |
| 2,291.46 | | 1,815.77 | | 61,579.97 | |
| 222.31 | | 519.89 | | 6,300.03 | |
| | 72.92 | | 1,911.77 | | 4,013.48 |
| | 129.13 | | 2,967.39 | | 6,324.77 |
| | 109.37 | | 1,124.94 | | 3,968.45 |
| 86.92 | | | 250.52 | 2,009.44 | |
| | 39.76 | | 1,255.77 | | 2,289.57 |
| 777.89 | | 1,691.62 | | 21,916.72 | |
| 123.78 | | | 323.74 | 2,894.61 | |
| | 68.67 | | 1,406.72 | | 3,212.05 |
| 143.48 | | 1,290.72 | | 5,021.08 | |
| 8.89 | | 1,623.36 | | 1,854.39 | |
| | 28.65 | | 41.71 | | 786.67 |
| | 70.07 | | 982.16 | | 2,804.00 |
| 914.04 | | 2,038.81 | | 25,803.93 | |
| | 136.31 | | 1,696.97 | | 5,241.15 |
| | 89.95 | | 2,284.06 | | 4,622.69 |
| | 84.83 | | 445.95 | | 2,651.62 |
| | 83.57 | | 1,829.88 | | 4,002.74 |
| 963.53 | | 2,462.80 | | 27,464.38 | |
| 519.13 | | 1,484.07 | | 14,981.37 | |
| 17.01 | | | 544.65 | | 102.27 |
| 76.36 | | | 1,224.87 | 760.53 | |
| | 31.25 | | 1,127.85 | | 1,940.31 |
| | 171.78 | | 2,188.06 | | 6,654.43 |
| | 89.41 | 1,217.31 | | | 1,107.42 |
| | 254.53 | | 3,355.13 | | 9,972.88 |
| | 148.94 | | 3,683.71 | | 7,556.25 |
| | 74.65 | | 754.34 | | 2,695.19 |
| 944.06 | | 3,292.69 | | 27,838.29 | |
| | 165.47 | | 3,617.36 | | 7,919.56 |
| 425.65 | | | 2,082.93 | 8,983.95 | |
| | 558.98 | | 3,156.64 | | 17,690.06 |
| 1,681.02 | | 4,156.31 | | 47,875.14 | |
| | 86.03 | | 1,119.59 | | 3,356.47 |
| 694.82 | | | 935.56 | 17,136.74 | |

## NIAGARA

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Rural power district* | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Lucan R.P.D. | June 1926 | | 36.02 | | |
| Lynden R.P.D. | Feb. 1922 | | 1,785.09 | | |
| Markham R.P.D. | Dec. 1922 | 38,897.17 | | | |
| Merlin R.P.D. | Nov. 1928 | | 1,561.51 | | |
| Milton R.P.D. | Jan. 1925 | 3,926.64 | | | |
| Milverton R.P.D. | Aug. 1927 | | 4,238.87 | | |
| Mitchell R.P.D. | Dec. 1925 | 2,141.22 | | | 36.00 |
| Newmarket R.P.D. | Mar. 1924 | 6,956.55 | | | |
| Niagara R.P.D. | Jan. 1922 | 22,206.87 | | | 270.22 |
| Norwich R.P.D. | May 1925 | 4,789.17 | | 0.26 | |
| Oil Springs R.P.D. | Dec. 1925 | 3,289.82 | | | |
| Palmerston R.P.D. | Oct. 1926 | | 4,128.09 | | |
| Petrolia R.P.D. | Aug. 1923 | | 92.29 | | |
| Preston R.P.D. | April 1922 | 5,954.83 | | | |
| Ridgetown R.P.D. | Mar. 1922 | 516.95 | | | 45.26 |
| St. Jacobs R.P.D. | Nov. 1922 | | 1,706.74 | | 184.62 |
| St. Marys R.P.D. | Dec. 1927 | | 2,838.75 | | |
| St. Thomas R.P.D. | Aug. 1923 | 19,881.81 | | | |
| Saltfleet R.P.D. | Feb. 1922 | 8,340.92 | | | |
| Sandwich R.P.D. | July 1922 | 59,047.02 | | | |
| Sarnia R.P.D. | June 1923 | 19,530.17 | | | |
| Scarboro R.P.D. | Dec. 1923 | 38,504.25 | | | |
| Seaforth R.P.D. | Nov. 1927 | | 1,082.41 | | |
| Simcoe R.P.D. | Nov. 1922 | 2,640.84 | | | 4.49 |
| Stamford R.P.D. | Mar. 1922 | 6,955.73 | | | |
| Stratford R.P.D. | July 1924 | | 1,544.05 | | |
| Strathroy R.P.D. | Dec. 1926 | | 385.08 | | |
| Streetsville R.P.D. | Nov. 1922 | 8,223.22 | | | |
| Tavistock R.P.D. | April 1923 | | 1,078.43 | | |
| Thamesville R.P.D. | Nov. 1927 | 117.21 | | | |
| Tilbury R.P.D. | Dec. 1923 | 6,592.53 | | | |
| Tillsonburg R.P.D. | Dec. 1923 | 2,641.85 | | | |
| Wallaceburg R.P.D. | Jan. 1923 | 9,439.87 | | | |
| Walsingham R.P.D. | Dec. 1926 | 4,754.37 | | 2,177.07 | |
| Walton R.P.D. | Nov. 1924 | 1,558.10 | | | |
| Waterdown R.P.D. | Oct. 1922 | 43,330.37 | | | |
| Waterford R.P.D. | Nov. 1923 | 611.34 | | | |
| Watford R.P.D. | Dec. 1929 | 40.99 | | | |
| Welland R.P.D. | April 1922 | 29,736.34 | | 14.25 | |
| Woodbridge R.P.D. | Jan. 1923 | 16,983.31 | | | |
| Woodstock R.P.D. | Feb. 1922 | 8,739.12 | | | |
| Totals, Rural power districts | | 780,515.67 | 87,056.49 | 2,426.08 | 1,283.73 |
| Totals, Municipalities | | 75,827.28 | 228,663.74 | 208,239.32 | 83,002.84 |
| Grand Totals | | 856,342.95 | 315,720.23 | 210,665.40 | 84,286.57 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM *N.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ...... | 1.44 | ...... | 152.26 | ...... | 189.72 |
| ...... | 71.40 | ...... | 949.77 | ...... | 2,806.26 |
| 1,555.89 | ...... | 4,354.10 | ...... | 44,807.16 | ...... |
| ...... | 62.46 | ...... | 297.19 | ...... | 1,921.16 |
| 157.07 | ...... | ...... | 203.50 | 3,880.21 | ...... |
| ...... | 169.55 | ...... | 1,105.98 | ...... | 5,514.40 |
| 84.33 | ...... | ...... | 590.39 | 1,599.16 | ...... |
| 278.26 | ...... | ...... | 163.80 | 7,071.01 | ...... |
| 879.27 | ...... | 1,547.22 | ...... | 24,363.14 | ...... |
| 191.58 | ...... | ...... | 530.68 | 4,450.33 | ...... |
| 131.59 | ...... | 604.61 | ...... | 4,026.02 | ...... |
| ...... | 165.12 | ...... | 2,158.92 | ...... | 6,452.13 |
| ...... | 3.69 | ...... | 15.20 | ...... | 111.18 |
| 238.19 | ...... | 672.58 | ...... | 6,865.60 | ...... |
| 19.33 | ...... | ...... | 186.05 | 304.97 | ...... |
| ...... | 73.80 | ...... | 595.31 | ...... | 2,560.47 |
| ...... | 113.55 | ...... | 3,633.94 | ...... | 6,586.24 |
| 795.27 | ...... | ...... | 1,878.96 | 18,798.12 | ...... |
| 333.64 | ...... | 7,928.88 | ...... | 16,603.44 | ...... |
| 2,361.88 | ...... | 4,110.55 | ...... | 65,519.45 | ...... |
| 781.21 | ...... | 4,844.95 | ...... | 25,156.33 | ...... |
| 1,540.17 | ...... | 8,172.12 | ...... | 48,216.54 | ...... |
| ...... | 43.30 | ...... | 685.75 | ...... | 1,811.46 |
| 105.50 | ...... | ...... | 553.02 | 2,188.83 | ...... |
| 278.23 | ...... | 1,043.02 | ...... | 8,276.98 | ...... |
| ...... | 61.76 | 304.01 | ...... | ...... | 1,301.80 |
| ...... | 15.40 | ...... | 509.87 | ...... | 910.35 |
| 328.93 | ...... | ...... | 2,087.72 | 6,464.43 | ...... |
| ...... | 43.14 | ...... | 567.13 | ...... | 1,688.70 |
| 4.69 | ...... | ...... | 376.48 | ...... | 254.58 |
| 263.70 | ...... | 907.31 | ...... | 7,763.54 | ...... |
| 105.67 | ...... | ...... | 645.88 | 2,101.64 | ...... |
| 377.59 | ...... | 27.61 | ...... | 9,845.07 | ...... |
| 277.26 | ...... | ...... | 129.45 | 7,079.25 | ...... |
| 62.32 | ...... | ...... | 254.00 | 1,366.42 | ...... |
| 1,733.21 | ...... | 7,412.13 | ...... | 52,475.71 | ...... |
| 24.45 | ...... | 690.57 | ...... | 1,326.36 | ...... |
| 1.64 | ...... | 213.80 | ...... | 256.43 | ...... |
| 1,189.88 | ...... | 3,601.45 | ...... | 34,541.92 | ...... |
| 679.33 | ...... | 4,655.65 | ...... | 22,318.29 | ...... |
| 349.56 | ...... | ...... | 1,366.68 | 7,722.00 | ...... |
| 31,276.81 | 3,484.25 | 89,605.14 | 64,275.33 | 887,369.20 | 139,645.30 |
| 1,586.23 | 4,638.46 | 151,720.66 | 249,151.80 | 155,422.47 | 283,505.82 |
| 32,863.04 | 8,122.71 | 241,325.80 | 313,427.13 | 1,042,791.67 | 423,151.12 |

## NIAGARA SYSTEM *SINKING FUND*

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1935**

| Municipality | Period of years ending Oct. 31,1935 | Amount | Municipality | Period of years ending Oct. 31,1935 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Acton | 18 years | 44,796.68 | Elmira | 17 years | 55,401.65 |
| Agincourt | 11 " | 6,805.43 | Elora | 16 " | 26,637.68 |
| Ailsa Craig | 15 " | 11,148.92 | Embro | 16 " | 7,855.35 |
| Alvinston | 12 " | 10,843.14 | Erieau | 12 " | 3,910.34 |
| Amherstburg | 18 " | 34,523.13 | Erie Beach | 11 " | 962.65 |
| Ancaster twp. | 12 " | 10,610.66 | Essex | 12 " | 19,692.25 |
| Arkona | 9 " | 3,891.23 | Etobicoke twp. | 13 " | 122,580.85 |
| Aylmer | 12 " | 28,061.65 | Exeter | 14 " | 28,378.77 |
| Ayr | 16 " | 10,014.33 | Fergus | 16 " | 37,243.91 |
| Baden | 18 " | 22,691.61 | Fonthill | 10 " | 3,785.03 |
| Beachville | 18 " | 28,519.48 | Forest | 13 " | 21,046.64 |
| Belle River | 13 " | 6,567.58 | Galt | 19 " | 374,184.32 |
| Blenheim | 15 " | 25,665.12 | Georgetown | 17 " | 68,202.07 |
| Blyth | 12 " | 6,298.26 | Glencoe | 12 " | 13,398.45 |
| Bolton | 15 " | 12,541.24 | Goderich | 16 " | 84,930.94 |
| Bothwell | 15 " | 12,873.35 | Granton | 14 " | 5,723.35 |
| Brampton | 19 " | 113,992.52 | Guelph | 19 " | 449,329.17 |
| Brantford | 16 " | 591,756.29 | Hagersville | 17 " | 55,382.54 |
| Brantford twp. | 12 " | 20,386.32 | Hamilton | 19 " | 2,860,870.37 |
| Bridgeport | 8 " | 3,604.75 | Harriston | 14 " | 23,069.80 |
| Brigden | 13 " | 8,440.98 | Harrow | 12 " | 14,716.78 |
| Brussels | 12 " | 8,659.54 | Hensall | 14 " | 10,772.37 |
| Burford | 15 " | 9,293.09 | Hespeler | 19 " | 72,490.92 |
| Burgessville | 14 " | 3,776.88 | Highgate | 14 " | 6,970.09 |
| Caledonia | 18 " | 15,119.03 | Humberstone | 12 " | 12,691.16 |
| Campbellville | 11 " | 1,547.26 | Ingersoll | 19 " | 126,704.09 |
| Cayuga | 11 " | 6,037.63 | Jarvis | 12 " | 9,777.44 |
| Chatham | 15 " | 268,596.84 | Kingsville | 12 " | 26,356.90 |
| Chippawa | 13 " | 11,744.11 | Kitchener | 19 " | 861,513.41 |
| Clifford | 12 " | 4,355.36 | Lambeth | 15 " | 6,544.77 |
| Clinton | 16 " | 32,049.85 | La Salle | 10 " | 8,857.60 |
| Comber | 15 " | 13,448.48 | Leamington | 12 " | 50,497.04 |
| Cottam | 9 " | 2,584.31 | Listowel | 14 " | 50,677.46 |
| Courtright | 12 " | 3,817.45 | London | 19 " | 1,562,694.08 |
| Dashwood | 13 " | 5,794.50 | London Ry. Comm. | 16 " | 98,426.62 |
| Delaware | 15 " | 2,013.55 | London twp. | 11 " | 11,142.97 |
| Dorchester | 16 " | 4,992.59 | Long Branch | 5 " | 11,322.70 |
| Drayton | 12 " | 8,348.85 | Lucan | 15 " | 13,199.17 |
| Dresden | 15 " | 21,667.93 | Lynden | 15 " | 9,810.42 |
| Drumbo | 16 " | 4,433.95 | Markham | 12 " | 11,759.44 |
| Dublin | 13 " | 4,028.53 | Merlin | 12 " | 8,484.64 |
| Dundas | 19 " | 97,408.16 | Merritton | 14 " | 73,983.66 |
| Dunnville | 12 " | 40,252.46 | Milton | 17 " | 72,484.58 |
| Dutton | 15 " | 13,513.02 | Milverton | 14 " | 31,658.83 |
| East Windsor | 13 " | 154,123.72 | Mimico | 18 " | 92,975.98 |

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1935**

| Municipality | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Mitchell | 19 years | 30,292.26 |
| Moorefield | 12 " | 4,322.29 |
| Mount Brydges | 15 " | 4,971.44 |
| Newbury | 12 " | 3,085.46 |
| New Hamburg | 19 " | 34,414.41 |
| New Toronto | 16 " | 287,587.89 |
| Niagara Falls | 15 " | 391,915.26 |
| Niagara-on-the-Lake | 12 " | 20,377.55 |
| Norwich | 18 " | 25,524.35 |
| Oil Springs | 12 " | 17,440.98 |
| Otterville | 14 " | 5,687.26 |
| Palmerston | 14 " | 29,233.25 |
| Paris | 16 " | 77,622.54 |
| Parkhill | 12 " | 12,473.95 |
| Petrolia | 14 " | 69,753.22 |
| Plattsville | 16 " | 6,120.36 |
| Point Edward | 13 " | 34,055.22 |
| Port Colborne | 14 " | 61,272.86 |
| Port Credit | 18 " | 25,107.63 |
| Port Dalhousie | 14 " | 21,595.00 |
| Port Dover | 12 " | 16,113.81 |
| Port Rowan | 9 " | 4,358.57 |
| Port Stanley | 18 " | 26,895.65 |
| Preston | 19 " | 182,297.31 |
| Princeton | 16 " | 5,830.00 |
| Queenston | 12 " | 4,555.37 |
| Richmond Hill | 11 " | 11,186.50 |
| Ridgetown | 15 " | 28,171.06 |
| Riverside | 13 " | 54,296.53 |
| Rockwood | 17 " | 7,671.74 |
| Rodney | 13 " | 8,648.11 |
| St. Catharines | 14 " | 362,391.74 |
| St. Clair Beach | 13 " | 4,402.90 |
| St. George | 15 " | 9,437.53 |
| St. Jacobs | 13 " | 9,801.78 |
| St. Marys | 19 " | 92,373.41 |
| St. Thomas | 19 " | 323,660.21 |
| Sandwich | 12 " | 156,222.53 |
| Sarnia | 14 " | 407,081.90 |
| Scarboro twp. | 12 " | 110,929.96 |
| Seaforth | 19 " | 43,835.66 |
| Simcoe | 15 " | 63,519.60 |
| Springfield | 13 " | 6,455.42 |
| Stamford twp. | 14 " | 60,956.15 |
| | | $ c. |
| Stouffville | 12 years | 10,073.35 |
| Stratford | 19 " | 411,213.54 |
| Strathroy | 16 " | 57,928.75 |
| Streetsville | 1 " | 323.07 |
| Sutton | 12 " | 9,496.45 |
| Tavistock | 14 " | 29,788.41 |
| Tecumseh | 13 " | 16,640.54 |
| Thamesford | 16 " | 11,546.16 |
| Thamesville | 15 " | 11,573.87 |
| Thedford | 12 " | 6,090.54 |
| Thorndale | 16 " | 6,044.80 |
| Thorold | 13 " | 60,100.10 |
| Tilbury | 15 " | 30,388.08 |
| Tillsonburg | 19 " | 57,850.63 |
| Toronto | 19 " | 12,696,300.68 |
| Toronto twp. | 17 " | 64,425.83 |
| Trafalgar twp. | 1 " | 1,249.09 |
| Walkerville | 16 " | 438,548.75 |
| Wallaceburg | 15 " | 124,582.56 |
| Wardsville | 12 " | 2,360.92 |
| Waterdown | 19 " | 15,899.46 |
| Waterford | 15 " | 21,357.55 |
| Waterloo | 19 " | 173,062.02 |
| Watford | 13 " | 14,642.13 |
| Welland | 13 " | 183,617.94 |
| Wellesley | 14 " | 11,684.20 |
| West Lorne | 14 " | 18,823.10 |
| Weston | 19 " | 153,149.95 |
| Wheatley | 12 " | 8,239.77 |
| Windsor | 16 " | 1,278,943.90 |
| Woodbridge | 16 " | 19,690.31 |
| Woodstock | 19 " | 257,764.65 |
| Wyoming | 14 " | 5,470.06 |
| York East twp. | 11 " | 158,926.51 |
| York North twp. | 12 " | 72,706.92 |
| Zurich | 13 " | 9,042.51 |
| Ont. Reformatory | 1 " | 789.41 |
| Toronto Trans. Com. | 14 " | 143,170.46 |
| Sandwich, Windsor Amherstburg Ry. Co. | 13 " | 127,701.37 |
| Mimico Asylum | 1 " | 540.96 |
| Prison Brick Yard | 1 " | 412.97 |
| Total—Municipalities | | $29,157,047.90 |

NIAGARA SYSTEM *SINKING FUND*

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1935

| Rural power district* | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Acton R.P.D. | 8 years | 677.63 |
| Ailsa Craig R.P.D. | 6 " | 348.50 |
| Alvinston R.P.D. | 7 " | 306.21 |
| Amherstburg R.P.D. | 12 " | 33,698.82 |
| Aylmer R.P.D. | 14 " | 18,128.44 |
| Ayr R.P.D. | 10 " | 2,501.99 |
| Baden R.P.D. | 14 " | 17,947.14 |
| Beamsville R.P.D. | 13 " | 51,987.66 |
| Belle River R.P.D. | 13 " | 15,856.92 |
| Blenheim R.P.D. | 12 " | 9,023.11 |
| Bond Lake R.P.D. | 12 " | 41,632.92 |
| Bothwell R.P.D. | 12 " | 8,126.23 |
| Brampton R.P.D. | 12 " | 6,789.75 |
| Brant R.P.D. | 14 " | 23,158.47 |
| Brigden R.P.D. | 9 " | 3,984.87 |
| Burford R.P.D. | 9 " | 7,444.31 |
| Caledonia R.P.D. | 11 " | 14,669.03 |
| Chatham R.P.D. | 14 " | 26,177.99 |
| Chippawa R.P.D. | 14 " | 7,998.40 |
| Clinton R.P.D. | 8 " | 7,933.39 |
| Delaware R.P.D. | 13 " | 20,375.65 |
| Dorchester R.P.D. | 14 " | 26,207.72 |
| Dresden R.P.D. | 8 " | 1,950.45 |
| Drumbo R.P.D. | 14 " | 8,456.30 |
| Dundas R.P.D. | 14 " | 28,117.35 |
| Dunnville R.P.D. | 8 " | 1,748.13 |
| Dutton R.P.D. | 10 " | 5,900.77 |
| Elmira R.P.D. | 10 " | 3,006.29 |
| Elora R.P.D. | 10 " | 7,093.90 |
| Essex R.P.D. | 11 " | 13,930.68 |
| Exeter R.P.D. | 13 " | 17,968.39 |
| Forest R.P.D. | 9 " | 2,800.65 |
| Galt R.P.D. | 14 " | 8,674.24 |
| Georgetown R.P.D. | 11 " | 7,339.99 |
| Goderich R.P.D. | 11 " | 5,797.96 |
| Grantham R.P.D. | 11 " | 27,851.16 |
| Guelph R.P.D. | 11 " | 15,885.09 |
| Haldimand R.P.D. | 11 " | 8,980.71 |
| Harriston R.P.D. | 6 " | 1,294.00 |
| Harrow R.P.D. | 12 " | 17,736.98 |
| Ingersoll R.P.D. | 14 " | 20,626.13 |
| Jordan R.P.D. | 14 " | 11,727.30 |
| Keswick R.P.D. | 12 " | 21,564.32 |
| Kingsville R.P.D. | 12 " | 43,568.55 |
| Listowel R.P.D. | 9 " | 7,628.33 |
| London R.P.D. | 13 " | 74,733.01 |
| Lucan R.P.D. | 10 " | 4,660.42 |
| Lynden R.P.D. | 14 years | 11,555.94 |
| Markham R.P.D. | 13 " | 21,569.76 |
| Merlin R.P.D. | 7 " | 9,756.90 |
| Milton R.P.D. | 11 " | 9,092.12 |
| Milverton R.P.D. | 9 " | 4,032.48 |
| Mitchell R.P.D. | 10 " | 10,458.26 |
| Newmarket R.P.D. | 12 " | 13,049.18 |
| Niagara R.P.D. | 14 " | 24,535.56 |
| Norwich R.P.D. | 11 " | 22,205.50 |
| Oil Springs R.P.D. | 10 " | 3,371.41 |
| Palmerston R.P.D. | 9 " | 2,652.15 |
| Petrolia R.P.D. | 13 " | 1,939.82 |
| Preston R.P.D. | 14 " | 45,827.25 |
| Ridgetown R.P.D. | 14 " | 22,316.72 |
| St. Jacobs R.P.D. | 13 " | 14,251.92 |
| St. Marys R.P.D. | 8 " | 13,129.39 |
| St. Thomas R.P.D. | 13 " | 32,615.99 |
| Saltfleet R.P.D. | 14 " | 52,001.55 |
| Sandwich R.P.D. | 14 " | 60,052.98 |
| Sarnia R.P.D. | 13 " | 31,351.59 |
| Scarboro R.P.D. | 12 " | 16,109.97 |
| Seaforth R.P.D. | 8 " | 2,813.48 |
| Simcoe R.P.D. | 13 " | 10,690.87 |
| Stamford R.P.D. | 14 " | 7,926.88 |
| Stratford R.P.D. | 12 " | 10,945.39 |
| Strathroy R.P.D. | 9 " | 5,781.97 |
| Streetsville R.P.D. | 13 " | 18,560.61 |
| Tavistock R.P.D. | 13 " | 10,381.60 |
| Thamesville R.P.D. | 8 " | 6,419.26 |
| Tilbury R.P.D. | 12 " | 8,106.30 |
| Tillsonburg R.P.D. | 12 " | 26,198.32 |
| Wallaceburg R.P.D. | 13 " | 16,295.97 |
| Walsingham R.P.D. | 9 " | 10,291.90 |
| Walton R.P.D. | 11 " | 6,334.21 |
| Waterdown R.P.D. | 13 " | 27,875.68 |
| Waterford R.P.D. | 12 " | 9,032.06 |
| Watford R.P.D. | 6 " | 1,256.04 |
| Welland R.P.D. | 14 " | 71,320.39 |
| Woodbridge R.P.D. | 13 " | 38,281.69 |
| Woodstock R.P.D. | 14 " | 32,479.92 |

Total—Rural power districts $1,456,885.43

Total—Municipalities $29,157,047.90
Total—Rural power districts 1,456,885.43

Grand Total $30,613,933.33

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## NIAGARA SYSTEM—RURAL LINES

**Statement showing Interest, Sinking Fund, Renewals and Contingencies charged by the Commission to the Municipalities which operate the respective rural lines for the year ending October 31, 1935**

| Operated by | Capital cost | Interest | Sinking fund | Renewals | Contin- gencies | Total interest, sinking fund, renewals and contingencies charged |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Milton | 440.82 | 21.86 | 7.93 | 8.82 | 4.41 | 43.02 |
| Welland | 19,617.60 | 823.94 | 353.12 | 392.35 | 196.18 | 1,765.59 |
| Totals | 20,058.42 | 845.80 | 361.05 | 401.17 | 200.59 | 1,808.61 |

## NIAGARA SYSTEM—RURAL LINES

**Statement showing the total Sinking Fund in respect of each line, together with interest allowed thereon to October 31, 1935**

| Lines operated by | Period of years ending October 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Milton | 22 years | 253.54 |
| Welland | 23 " | 12,199.92 |
| Total | ........ | 12,453.46 |

## GEORGIAN BAY

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|---|
| | To Jan. 1 1935 | To Oct. 31 1935 | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Alliston | 58.00 | 55.00 | 90,230.16 | 214.8 | 330.02 | 4,511.53 | 3,972.80 |
| Arthur | 75.00 | 72.00 | 66,256.69 | 124.3 | 190.98 | 2,771.32 | 2,905.12 |
| Barrie | 36.00 | 34.00 | 566,545.90 | 2,333.8 | 3,585.66 | 25,104.02 | 24,934.54 |
| Beaverton | 43.00 | 42.00 | 51,442.53 | 181.0 | 278.09 | 2,658.50 | 2,237.38 |
| Beeton | 72.00 | 72.00 | 53,340.23 | 95.3 | 146.42 | 2,496.42 | 2,338.87 |
| Bradford | 68.00 | 64.00 | 65,157.86 | 150.1 | 230.61 | 2,932.58 | 2,873.83 |
| Brechin | 55.00 | 55.00 | 18,791.72 | 51.7 | 79.43 | 785.65 | 816.06 |
| Cannington | 45.00 | 42.00 | 41,707.83 | 143.2 | 220.01 | 2,182.76 | 1,817.74 |
| Chatsworth | 47.00 | 45.00 | 14,866.13 | 50.1 | 76.97 | 861.21 | 646.91 |
| Chesley | 40.00 | 37.00 | 126,888.27 | 461.4 | 708.90 | 5,299.64 | 5,572.50 |
| Coldwater | 39.00 | 37.00 | 66,455.08 | 251.5 | 386.41 | 3,337.73 | 2,931.61 |
| Collingwood | 40.00 | 40.00 | 349,942.05 | 1,220.3 | 1,874.88 | 17,346.06 | 15,231.83 |
| Cookstown | 55.00 | 55.00 | 21,670.84 | 58.9 | 90.49 | 1,009.48 | 954.42 |
| Creemore | 55.00 | 55.00 | 36,783.45 | 93.5 | 143.65 | 2,012.71 | 1,609.62 |
| Dundalk | 42.00 | 40.00 | 49,784.63 | 188.7 | 289.92 | 2,507.51 | 2,191.66 |
| Durham | 45.00 | 43.00 | 83,814.90 | 284.7 | 437.41 | 4,213.66 | 3,653.91 |
| Elmvale | 43.00 | 40.00 | 39,824.72 | 145.1 | 222.93 | 2,341.44 | 1,734.47 |
| Elmwood | 46.00 | 44.00 | 16,171.14 | 54.4 | 83.58 | 881.91 | 710.13 |
| Flesherton | 48.00 | 48.00 | 24,275.55 | 77.6 | 119.23 | 1,429.24 | 1,066.05 |
| Grand Valley | 58.00 | 56.00 | 40,189.88 | 100.0 | 153.64 | 1,829.68 | 1,761.98 |
| Gravenhurst | 27.00 | 25.00 | 123,399.72 | 652.1 | ...... | 6,235.29 | 5,449.72 |
| Hanover | 35.00 | 33.00 | 249,764.29 | 1,014.1 | 1,558.07 | 10,658.08 | 10,928.10 |
| Holstein | 90.00 | 90.00 | 10,079.72 | 15.6 | 23.97 | 665.45 | 439.72 |
| Huntsville | 28.00 | 28.00 | 196,638.45 | 863.8 | ...... | 8,819.83 | 8,624.92 |
| Kincardine | 54.00 | 50.00 | 205,854.19 | 545.3 | 837.80 | 7,094.60 | 9,098.02 |
| Kirkfield | 60.00 | 60.00 | 11,300.22 | 24.4 | 37.49 | 388.49 | 504.88 |
| Lucknow | 62.00 | 60.00 | 91,682.74 | 215.7 | 331.40 | 3,323.80 | 4,048.23 |
| Markdale | 40.00 | 38.00 | 39,078.44 | 148.6 | 228.31 | 2,171.10 | 1,719.78 |
| Meaford | 46.00 | 43.00 | 143,560.59 | 451.3 | 693.38 | 5,776.82 | 6,346.69 |
| Midland | 35.00 | 33.00 | 616,930.38 | 2,600.9 | 3,996.04 | 27,212.99 | 26,919.27 |
| Mildmay | 60.00 | 54.00 | 28,167.62 | 76.1 | 116.92 | 1,152.89 | 1,255.96 |
| Mount Forest | 50.00 | 48.00 | 120,150.42 | 369.8 | 568.16 | 6,469.69 | 5,267.94 |
| Neustadt | 70.00 | 70.00 | 18,995.79 | 34.6 | 53.16 | 705.33 | 820.99 |
| Orangeville | 48.00 | 47.00 | 179,889.18 | 504.6 | 775.27 | 7,084.57 | 7,923.81 |
| Owen Sound | 36.00 | 32.00 | 790,706.85 | 3,264.5 | 5,015.60 | 36,145.46 | 34,801.93 |
| Paisley | 60.00 | 58.00 | 49,005.34 | 111.8 | 171.77 | 1,802.60 | 2,161.73 |
| Penetanguishene | 40.00 | 38.00 | 177,417.11 | 640.3 | 983.76 | 8,019.27 | 7,742.26 |
| Port Elgin | 40.00 | 38.00 | 86,852.92 | 251.9 | 387.02 | 3,723.94 | 3,867.81 |
| Port McNicoll | 40.00 | 38.00 | 22,259.56 | 79.6 | 122.30 | 917.88 | 977.54 |
| Port Perry | 52.00 | 52.00 | 78,414.59 | 210.5 | 323.41 | 2,997.95 | 3,474.99 |

SYSTEM *G.B.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,364.43 | 297.79 | 950.15 | 83.12 | 11,509.84 | 11,925.43 | 415.59 | |
| 1,070.20 | 215.39 | 697.58 | 48.10 | 7,898.69 | 9,016.22 | 1,117.53 | |
| 6,548.47 | 2,115.74 | 5,966.11 | 903.11 | 69,157.65 | 80,134.51 | 10,976.86 | |
| 657.87 | 189.82 | 541.68 | 70.04 | 6,633.38 | 7,635.75 | 1,002.37 | |
| 871.50 | 169.71 | 561.68 | 36.88 | 6,621.48 | 6,864.60 | 243.12 | |
| 1,000.85 | 218.97 | 688.91 | 58.08 | 8,003.83 | 9,716.51 | 1,712.68 | |
| 269.88 | 68.28 | 197.88 | 20.01 | 2,237.19 | 2,844.39 | 607.20 | |
| 540.72 | 152.85 | 439.21 | 55.41 | 5,408.70 | 6,091.75 | 683.05 | |
| 192.11 | 58.73 | 155.21 | 19.39 | 2,010.53 | 2,275.25 | 264.72 | |
| 1,592.26 | 488.08 | 1,336.21 | 178.55 | 15,176.14 | 17,311.20 | 2,135.06 | |
| 813.72 | 257.02 | 699.81 | 97.32 | 8,523.62 | 9,372.04 | 848.42 | |
| 4,498.19 | 1,283.01 | 3,685.08 | 472.22 | 44,391.27 | 48,810.61 | 4,419.34 | |
| 312.72 | 79.37 | 228.20 | 22.79 | 2,697.47 | 3,239.45 | 541.98 | |
| 544.04 | 129.19 | 387.33 | 36.18 | 4,862.72 | 5,140.15 | 277.43 | |
| 609.01 | 187.28 | 524.26 | 73.02 | 6,382.66 | 7,610.99 | 1,228.33 | |
| 1,092.67 | 318.82 | 882.50 | 110.17 | 10,709.14 | 12,366.70 | 1,657.56 | |
| 499.15 | 153.51 | 419.37 | 56.15 | 5,427.02 | 5,887.40 | 460.38 | |
| 211.17 | 65.45 | 169.88 | 21.05 | 2,143.17 | 2,413.98 | 270.81 | |
| 293.51 | 87.79 | 255.63 | 30.03 | 3,281.48 | 3,725.60 | 444.12 | |
| 598.69 | 139.08 | 423.12 | 38.70 | 4,944.89 | 5,637.00 | 692.11 | |
| 1,131.70 | 481.05 | 1,299.50 | 252.34 | 14,849.60 | 16,545.72 | 1,696.12 | |
| 2,917.12 | 980.18 | 2,630.14 | 392.43 | 30,064.12 | 33,812.82 | 3,748.70 | |
| 169.63 | 30.39 | 106.14 | 6.04 | 1,441.34 | 1,407.75 | | 33.59 |
| 2,161.19 | 713.36 | 2,069.97 | 334.26 | 22,723.53 | 24,187.70 | 1,464.17 | |
| 2,999.63 | 700.03 | 2,167.72 | 211.02 | 23,108.82 | 27,631.56 | 4,522.74 | |
| 176.01 | 37.37 | 119.00 | 9.44 | 1,272.68 | 1,461.50 | 188.82 | |
| 1,391.63 | 310.88 | 965.45 | 83.47 | 10,454.86 | 13,018.57 | 2,563.71 | |
| 444.16 | 143.55 | 411.52 | 57.50 | 5,175.92 | 5,701.00 | 525.08 | |
| 1,946.41 | 507.34 | 1,511.76 | 174.64 | 16,957.04 | 19,628.53 | 2,671.49 | |
| 7,001.94 | 2,246.75 | 6,493.08 | 1,006.47 | 74,876.54 | 86,713.58 | 11,837.04 | |
| 389.96 | 102.34 | 296.61 | 29.45 | 3,344.13 | 4,186.75 | 842.62 | |
| 1,637.86 | 416.18 | 1,261.37 | 143.10 | 15,764.30 | 17,887.71 | 2,123.41 | |
| 309.01 | 59.63 | 200.03 | 13.39 | 2,161.54 | 2,363.05 | 201.51 | |
| 2,562.82 | 623.35 | 1,893.82 | 195.26 | 21,058.90 | 23,806.74 | 2,747.84 | |
| 9,124.48 | 2,921.05 | 8,326.66 | 1,263.26 | 97,598.44 | 106,698.36 | 9,099.92 | |
| 751.01 | 167.02 | 516.04 | 43.26 | 5,613.43 | 6,520.79 | 907.36 | |
| 2,234.55 | 643.64 | 1,867.41 | 247.78 | 21,738.67 | 24,559.34 | 2,820.67 | |
| 1,220.86 | 302.08 | 914.60 | 97.48 | 10,513.79 | 9,659.17 | | 854.62 |
| 282.09 | 87.34 | 234.41 | 30.80 | 2,652.36 | 3,053.47 | 401.11 | |
| 1,142.48 | 262.94 | 828.66 | 81.46 | 9,111.89 | 10,947.70 | 1,835.81 | |

## GEORGIAN BAY

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|---|
| | To Jan. 1 1935 | To Oct. 31 1935 | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Priceville | 70.00 | 70.00 | 4,477.11 | 15.5 | 23.81 | 478.92 | 195.62 |
| Ripley | 80.00 | 75.00 | 30,404.59 | 53.6 | 82.35 | 1,156.87 | 1,338.33 |
| Rosseau | 110.00 | 100.00 | 29,737.98 | 37.4 | | 877.03 | 1,323.36 |
| Shelburne | 48.00 | 46.00 | 69,292.04 | 219.8 | 337.70 | 3,011.46 | 3,044.36 |
| Southampton | 40.00 | 38.00 | 73,680.11 | 218.9 | 336.32 | 3,360.94 | 3,279.28 |
| Stayner | 44.00 | 42.00 | 57,918.23 | 201.5 | 309.59 | 2,927.65 | 2,543.28 |
| Sunderland | 61.00 | 56.00 | 24,404.97 | 58.4 | 89.73 | 1,107.83 | 1,059.70 |
| Tara | 50.00 | 46.00 | 25,738.12 | 80.3 | 123.37 | 1,084.48 | 1,126.39 |
| Teeswater | 59.00 | 57.00 | 42,563.38 | 101.5 | 155.95 | 1,592.79 | 1,868.83 |
| Thornton | 75.00 | 70.00 | 13,208.66 | 29.2 | 44.86 | 539.34 | 581.03 |
| Tottenham | 88.00 | 88.00 | 40,798.40 | 57.3 | 88.04 | 1,870.92 | 1,794.07 |
| Uxbridge | 55.00 | 52.00 | 81,354.66 | 207.7 | 319.11 | 2,927.28 | 3,590.97 |
| Victoria Harbour | 44.00 | 42.00 | 21,191.66 | 69.1 | 106.17 | 914.32 | 928.31 |
| Walkerton | 38.00 | 36.00 | 118,408.32 | 470.8 | 723.34 | 5,626.07 | 5,265.36 |
| Waubaushene | 44.00 | 42.00 | 10,536.63 | 38.8 | 59.61 | 609.09 | 460.23 |
| Wiarton | 69.00 | 65.00 | 107,467.51 | 216.5 | 332.63 | 3,887.87 | 4,781.30 |
| Windermere | 75.00 | 70.00 | 18,895.59 | 40.5 | | 874.07 | 839.93 |
| Wingham | 61.00 | 56.00 | 138,507.34 | 310.9 | 477.67 | 4,367.72 | 6,094.05 |
| Woodville | 58.00 | 58.00 | 21,017.69 | 50.8 | 78.05 | 928.00 | 908.32 |
| Totals—Municipalities | | | 5,993,890.67 | 20,834.4 | 29,561.36 | 266,021.73 | 263,358.44 |
| RURAL POWER DISTRICTS | | | | | | | |
| **Alliston** R.P.D.—Essa, Tecumseth and Tossorontio twps. | | | 25,258.01 | 71.1 | 109.23 | 1,037.67 | 1,116.88 |
| **Arthur** R.P.D.—Luther E. and Luther W. twps. | | | 1,286.07 | 3.2 | 4.92 | 49.58 | 56.66 |
| **Bala** R.P.D.—Medora and Wood twps. | | | 37,379.67 | 151.7 | 233.07 | 1,667.83 | 1,656.93 |
| **Barrie** R.P.D.—Innisfil, Oro and Vespra twps. | | | 82,591.54 | 274.6 | 421.90 | 3,077.82 | 3,652.15 |
| **Baysville** R.P.D.—Franklin, Macaulay, McLean, Ridout and Sherbourne twps. | | | 19,938.49 | 65.2 | | 985.00 | 884.76 |
| **Beaumaris** R.P.D.—Macaulay Medora, Monck and Muskoka twps. | | | 40,575.52 | 182.1 | | 1,985.23 | 1,792.46 |
| **Beaverton** R.P.D.—Brock, Georgina, Mara and Thorah twps. | | | 42,235.01 | 141.0 | 216.63 | 2,126.47 | 1,870.91 |
| **Beeton** R.P.D.—Tecumseth twp. | | | 2,798.55 | 5.0 | 7.68 | 117.26 | 124.44 |
| **Bradford** R.P.D.—Gwillimbury W., King and Tecumseth twps. | | | 20,008.00 | 44.3 | 68.06 | 704.36 | 891.00 |
| **Buckskin** R.P.D.—Matchedash Medora and Wood twps. | | | 5,965.80 | 15.5 | 23.81 | 265.32 | 263.77 |

SYSTEM *G.B.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 57.78 | 17.79 | 47.15 | 5.99 | 827.06 | 1,087.88 | 260.82 | .................. |
| 498.25 | 96.31 | 320.17 | 20.74 | 3,513.02 | 4,068.78 | 555.76 | .................. |
| 518.12 | 91.27 | 313.15 | 14.47 | 3,137.40 | 3,796.82 | 659.42 | .................. |
| 935.41 | 256.45 | 729.68 | 85.06 | 8,400.12 | 10,187.09 | 1,786.97 | .................. |
| 1,025.08 | 262.04 | 775.91 | 84.72 | 9,124.29 | 8,395.87 | .................. | 728.42 |
| 745.39 | 219.52 | 609.88 | 77.97 | 7,433.28 | 8,534.80 | 1,101.52 | .................. |
| 368.42 | 82.15 | 256.99 | 22.60 | 2,987.42 | 3,316.99 | 329.57 | .................. |
| 350.22 | 98.66 | 271.04 | 31.07 | 3,085.23 | 3,749.82 | 664.59 | .................. |
| 643.26 | 164.38 | 448.20 | 39.28 | 4,912.69 | 5,822.41 | 909.72 | .................. |
| 204.34 | 47.52 | 139.10 | 11.30 | 1,567.49 | 2,062.56 | 495.07 | .................. |
| 698.54 | 125.67 | 429.61 | 22.17 | 5,029.02 | 5,039.42 | 10.40 | .................. |
| 1,201.48 | 272.30 | 856.70 | 80.37 | 9,248.21 | 10,913.73 | 1,665.52 | .................. |
| 282.23 | 79.73 | 223.16 | 26.74 | 2,560.66 | 2,926.21 | 365.55 | .................. |
| 1,295.45 | 449.80 | 1,246.92 | 182.19 | 14,789.13 | 17,103.09 | 2,313.96 | .................. |
| 131.23 | 42.68 | 110.96 | 15.01 | 1,428.81 | 1,642.23 | 213.42 | .................. |
| 1,705.70 | 350.12 | 1,131.66 | 83.78 | 12,273.06 | 14,226.09 | 1,953.03 | .................. |
| 294.92 | 65.75 | 198.98 | 15.67 | 2,289.32 | 2,848.52 | 559.20 | .................. |
| 2,133.04 | 474.10 | 1,458.53 | 120.32 | 15,125.43 | 17,617.70 | 2,492.27 | .................. |
| 316.26 | 69.77 | 221.33 | 19.66 | 2,541.39 | 2,948.30 | 406.91 | .................. |
| 76,980.82 | 21,678.36 | 63,112.81 | 8,062.28 | 728,775.80 | 824,099.65 | 96,940.48 | 1,616.63 |
| 359.46 | 87.76 | 265.98 | 27.51 | 3,004.49 | 3,004.49 | see page | 215 |
| 19.17 | 4.45 | 13.54 | 1.24 | 149.56 | 149.56 | " | " |
| 407.15 | 141.91 | 393.62 | 58.70 | 4,559.21 | 4,559.21 | " | " |
| 1,089.12 | 325.19 | 869.74 | 106.26 | 9,542.18 | 9,542.18 | " | " |
| 265.17 | 86.08 | 209.97 | 25.23 | 2,456.21 | 2,456.21 | " | " |
| 438.34 | 166.16 | 427.29 | 70.47 | 4,879.95 | 4,879.95 | " | " |
| 555.70 | 155.84 | 444.73 | 54.56 | 5,424.84 | 5,424.84 | " | " |
| 45.73 | 8.91 | 29.47 | 1.93 | 335.42 | 335.42 | " | " |
| 310.94 | 68.51 | 211.52 | 17.14 | 2,271.53 | 2,271.53 | " | " |
| 87.55 | 25.25 | 62.83 | 6.00 | 734.53 | 734.53 | " | " |

## GEORGIAN BAY

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Bruce** R.P.D.—Amabel, Brant, Carrick, Culross, Greenock and Saugeen twps. | 48,147.07 | 130.5 | 200.50 | 1,732.55 | 2,140.80 |
| **Cannington** R.P.D.—Brock, Eldon and Mariposa twps. | 14,539.10 | 45.4 | 69.75 | 624.12 | 635.33 |
| **Chatsworth** R.P.D.—Holland twp. | 3,440.34 | 7.3 | 11.22 | 265.28 | 152.24 |
| **Cookstown** R.P.D. — Essa and Innisfil twps. | 294.31 | 0.8 | 1.23 | 11.62 | 13.01 |
| **Creemore** R.P.D. — Nottawasaga, Osprey, Sunnidale and Tossorontio twps. | 17,817.01 | 55.0 | 84.50 | 816.28 | 789.01 |
| **Elmvale** R.P.D.—Flos, Medonte, Oro and Vespra twps. | 19,140.69 | 62.3 | 95.72 | 692.51 | 844.41 |
| **Flesherton** R.P.D.—Artemesia twp. | 2,221.09 | 7.4 | 11.37 | 98.57 | 96.71 |
| **Gravenhurst** R.P.D.—Muskoka twp. | 5,442.38 | 26.5 | ........ | 294.79 | 240.17 |
| **Hawkestone** R.P.D.—Orillia and Oro twp. | 613.46 | 82.6 | 2,878.79 | 28.95 | 22.17 |
| **Holstein** R.P.D.—Bentinck, Egremont and Normanby twps. | ........ | ........ | ........ | ........ | ........ |
| **Huntsville** R.P.D.—Brunel, Chaffey, Franklin and Sinclair twps. | 17,024.18 | 65.2 | ........ | 814.34 | 755.00 |
| **Innisfil** R.P.D. — Gwillimbury W. and Innisfil twps. | 77,455.40 | 218.7 | 336.01 | 3,003.71 | 3,395.18 |
| **Lucknow** R.P.D.—Kinloss twp. | ........ | ........ | ........ | ........ | ........ |
| **Mariposa** R.P.D.—Brock, Mariposa and Reach twps. | 45,302.14 | 144.5 | 222.01 | 1,843.41 | 1,987.89 |
| **Markdale** R.P.D.—Artemesia, Euphrasia, Glenelg and Holland twps. | 12,352.87 | 39.4 | 60.54 | 640.50 | 547.21 |
| **Meaford** R.P.D.—St. Vincent twp. | ........ | ........ | ........ | ........ | ........ |
| **Medonte** R.P.D.—Baxter and Tay twps. | 4,969.59 | 18.3 | 28.12 | 247.24 | 219.43 |
| **Midland** R.P.D.—Tay and Tiny twps. | 9,646.72 | 34.5 | 53.01 | 432.87 | 389.09 |
| **Neustadt** R.P.D.—Bentinck twp. | ........ | ........ | ........ | ........ | ........ |
| **Nottawasaga** R.P.D.—Nottawasaga twp. | 9,376.73 | 31.0 | 47.63 | 439.48 | 406.77 |
| **Orangeville** R.P.D.—Amaranth, Caledon, Erin and Garafraxa E. twp. | 14,547.14 | 38.7 | 59.46 | 522.22 | 641.24 |
| **Owen Sound** R.P.D.—Derby, Sarawak and Sydenham twps. | 8,309.81 | 32.7 | 50.24 | 365.27 | 369.58 |

**SYSTEM** *G.B.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 685.72 | 171.98 | 507.01 | 50.50 | 5,489.06 | 5,489.06 | see page | 215 |
| 197.74 | 51.93 | 153.10 | 17.57 | 1,749.54 | 1,749.54 | " | " |
| 53.85 | 15.11 | 36.23 | 2.82 | 536.75 | 536.75 | " | " |
| 4.24 | 1.07 | 3.10 | 0.31 | 34.58 | 34.58 | " | " |
| 243.63 | 64.94 | 187.61 | 21.28 | 2,207.25 | 2,207.25 | " | " |
| 255.14 | 77.96 | 201.56 | 24.12 | 2,191.42 | 2,191.42 | " | " |
| 26.12 | 8.91 | 23.40 | 2.86 | 267.94 | 267.94 | " | " |
| 54.54 | 21.71 | 57.31 | 10.25 | 678.77 | 678.77 | " | " |
| 12.27 | 3.07 | 6.46 | 31.96 | 2,983.67 | 2,983.67 | " | " |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 206.78 | 64.76 | 179.22 | 25.22 | 2,045.32 | 2,045.32 | " | " |
| 1,084.51 | 273.16 | 806.98 | 84.63 | 8,984.18 | 8,984.18 | " | " |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 609.94 | 161.96 | 477.06 | 55.92 | 5,358.19 | 5,358.19 | " | " |
| 163.10 | 51.06 | 130.08 | 15.26 | 1,607.75 | 1,607.75 | " | " |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 61.88 | 20.13 | 52.33 | 7.08 | 636.21 | 636.21 | " | " |
| 104.79 | 32.25 | 92.39 | 13.35 | 1,117.75 | 1,117.75 | " | " |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 124.01 | 35.02 | 98.74 | 11.99 | 1,163.64 | 1,163.64 | " | " |
| 211.57 | 51.57 | 153.15 | 14.98 | 1,654.19 | 1,654.19 | " | " |
| 99.18 | 31.21 | 87.51 | 12.65 | 1,015.64 | 1,015.64 | " | " |

## GEORGIAN BAY

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Port Perry** R.P.D.—Cartwright, Manvers, Reach and Scugog twps. | 46,025.04 | 108.9 | 167.32 | 1,723.06 | 1,905.88 |
| **Ripley** R.P.D.—Huron and Kinloss twps. | 4,356.15 | 10.3 | 15.82 | 155.55 | 192.71 |
| **Sauble** R.P.D.—Amabel and Keppel twps. | 7,462.09 | 15.3 | 23.51 | 272.55 | 331.78 |
| **Shelburne** R.P.D.—Amaranth, Melancthon and Mulmur twps. | 10,283.30 | 30.0 | 46.09 | 360.55 | 454.39 |
| **Sparrow Lake** R.P.D.—Matchedash, Morrison, Orillia and Rama twps. | 29,397.52 | 119.9 | 184.22 | 1,160.64 | 1,291.41 |
| **Tara** R.P.D.—Amabel, Arran, Derby and Keppel twps. | 17,845.41 | 53.5 | 82.20 | 741.35 | 781.26 |
| **Thornton** R.P.D.—Essa twp. | 6,685.14 | 13.9 | 21.36 | 234.30 | 296.13 |
| **Utterson** R.P.D.—Cardwell, Humphrey, Medora, and Wood, Stephenson and Watt twps. | 17,537.69 | 48.4 | | 555.65 | 775.36 |
| **Uxbridge** R.P.D.—Brock, Georgina, Reach, Scott and Uxbridge twps. | 40,257.38 | 101.6 | 156.10 | 1,437.23 | 1,777.05 |
| **Wasaga Beach** R.P.D.—Flos, Nottawasaga, Sunnidale and Tiny twps. | 49,582.60 | 172.5 | 265.03 | 2,161.48 | 2,175.04 |
| **Wroxeter** R.P.D.—Howick, Morris and Turnberry twps. | 48,420.28 | 101.7 | 156.25 | 1,449.20 | 2,141.34 |
| Totals—Rural power districts | 866,529.29 | 2,770.5 | 6,413.30 | 35,141.81 | 38,077.55 |
| Totals—Municipalities | 5,993,890.67 | 20,834.4 | 29,561.36 | 266,021.73 | 263,358.44 |
| Totals—Rural power districts | 866,529.29 | 2,770.5 | 6,413.30 | 35,141.81 | 38,077.55 |
| Totals—Companies and distribution systems | 702,659.09 | 2,152.4 | 3,306.97 | 30,012.51 | 31,305.06 |
| | 7,563,079.05 | | | | |
| Non-operating capital | 2,667.31 | | | | |
| Grand totals | 7,565,746.36 | 25,757.3 | 39,281.63 | 331,176.05 | 332,741.05 |

**SYSTEM**

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 639.41 | 148.13 | 454.17 | 42.14 | 5,080.11 | 5,080.11 | see page | 215 |
| 66.02 | 14.79 | 45.87 | 3.99 | 494.75 | 494.75 | " | " |
| 117.83 | 26.51 | 78.56 | 5.92 | 856.66 | 856.66 | " | " |
| 144.19 | 39.14 | 108.30 | 11.62 | 1,164.28 | 1,164.28 | " | " |
| 342.25 | 116.08 | 309.57 | 46.40 | 3,450.57 | 3,450.57 | " | " |
| 244.97 | 71.29 | 186.70 | 20.71 | 2,128.48 | 2,128.48 | " | " |
| 105.20 | 24.61 | 70.40 | 5.38 | 757.38 | 757.38 | " | " |
| 251.56 | 62.95 | 184.68 | 18.73 | 1,848.93 | 1,848.93 | " | " |
| 596.95 | 135.51 | 423.93 | 39.32 | 4,566.09 | 4,566.09 | " | " |
| 638.12 | 187.92 | 522.11 | 66.75 | 6,016.45 | 6,016.45 | " | " |
| 759.99 | 170.65 | 509.88 | 39.35 | 5,226.66 | 5,226.66 | " | " |
| 11,683.83 | 3,205.44 | 9,076.10 | 1,072.10 | 104,670.13 | 104,670.13 | .................. | .................. |
| 76,980.82 | 21,678.36 | 63,112.81 | 8,062.28 | 728,775.80 | 824,099.65 | 96,940.48 | 1,616.63 |
| 11,683.83 | 3,205.44 | 9,076.10 | 1,072.10 | 104,670.13 | 104,670.13 | .................. | .................. |
| 9,526.12 | 3,060.11 | 7,380.45 | (9,134.38) | 75,456.84 | 75,456.84 | .................. | .................. |
| 98,190.77 | 27,943.91 | 79,569.36 | .................. | 908,902.77 | 1,004,226.62 | 96,940.48 | 1,616.63 |

## GEORGIAN BAY SYSTEM—

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to annual adjustment) of the actual costs

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | Cost of operation maintenance and administration |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Alliston R.P.D. | 40,066.71 | 19,782.07 | 20,284.64 | 3,004.49 | 1,462.86 |
| Arthur R.P.D. | *4,303.91 | 2,105.26 | 2,198.65 | 149.56 | 112.39 |
| Bala R.P.D. | *78,720.03 | 38,177.17 | 40,542.86 | 4,559.21 | 3,557.98 |
| Barrie R.P.D. | 127,995.94 | 63,997.97 | 63,997.97 | 9,542.18 | 4,223.88 |
| Baysville R.P.D. | 73,566.08 | 36,783.04 | 36,783.04 | 2,456.21 | 1,344.87 |
| Beaumaris R.P.D. | 95,548.78 | 47,774.39 | 47,774.39 | 4,879.95 | 3,832.82 |
| Beaverton R.P.D. | *67,005.77 | 33,156.73 | 33,849.04 | 5,424.84 | 2,569.54 |
| Beeton R.P.D. | 3,018.23 | 1,509.11 | 1,509.12 | 335.42 | 83.78 |
| Bradford R.P.D. | 37,708.47 | 18,689.17 | 19,019.30 | 2,271.53 | 786.17 |
| Bruce R.P.D. | *63,384.48 | 30,171.47 | 33,213.01 | 5,489.06 | 1,896.87 |
| Buckskin R.P.D. | 4,046.59 | 2,023.30 | 2,023.29 | 734.53 | 118.26 |
| Cannington R.P.D. | *19,164.48 | 7,854.51 | 11,309.97 | 1,749.54 | 1,121.44 |
| Chatsworth R.P.D. | 1,497.32 | 748.66 | 748.66 | 536.75 | 219.60 |
| Cookstown R.P.D. | 721.91 | 360.96 | 360.95 | 34.58 | 29.16 |
| Creemore R.P.D. | *46,343.86 | 22,495.80 | 23,848.06 | 2,207.25 | 1,038.50 |
| Elmvale R.P.D. | 40,217.79 | 19,975.72 | 20,242.07 | 2,191.42 | 1,214.88 |
| Flesherton R.P.D. | *5,592.25 | 2,609.36 | 2,982.89 | 267.94 | 426.26 |
| Gravenhurst R.P.D. | 6,938.51 | 3,469.26 | 3,469.25 | 678.77 | 164.56 |
| Hawkestone R.P.D. | 51,578.02 | 25,789.01 | 25,789.01 | 2,983.67 | 1,061.07 |
| Holstein R.P.D. | 1,900.53 | 950.26 | 950.27 | ........ | 3.75 |
| Huntsville R.P.D. | 59,104.62 | 29,552.31 | 29,552.31 | 2,045.32 | 1,621.35 |
| Innisfil R.P.D. | 102,204.21 | 51,102.10 | 51,102.11 | 8,984.18 | 3,135.14 |
| Lucknow R.P.D. | 637.09 | 318.55 | 318.54 | ........ | 1.57 |
| Mariposa R.P.D. | 80,071.72 | 40,035.86 | 40,035.86 | 5,358.19 | 2.373.97 |
| Markdale R.P.D. | *30,044.34 | 14,896.10 | 15,148.24 | 1,607.75 | 948.34 |
| Meaford R.P.D. | 1,992.72 | 996.36 | 996.36 | ........ | 25.89 |
| Medonte R.P.D. | 18,028.74 | 9,014.37 | 9,014.37 | 636.21 | 323.02 |
| Midland R.P.D. | 42,183.99 | 21,091.99 | 21,092.00 | 1,117.75 | 754.24 |
| Neustadt R.P.D. | 1,045.12 | 522.56 | 522.56 | ........ | 2.34 |
| Nottawasaga R.P.D. | 17,443.41 | 8,721.70 | 8,721.71 | 1,163.64 | 556.50 |
| Orangeville R.P.D. | 35,666.26 | 17,833.13 | 17,833.13 | 1,654.19 | 458.79 |
| Owen Sound R.P.D. | 17,729.15 | 8,864.57 | 8,864.58 | 1,015.64 | 917.24 |
| Port Perry R.P.D. | 84,008.41 | 42,004.20 | 42,004.21 | 5,080.11 | 2,868.58 |
| Ripley R.P.D. | *8,546.64 | 4,039.86 | 4,506.78 | 494.75 | 154.36 |
| Sauble R.P.D. | 8,808.43 | 4,404.22 | 4,404.21 | 856.66 | 1,066.33 |
| Shelburne R.P.D. | 26,102.74 | 12,433.29 | 13,669.45 | 1,164.28 | 946.57 |
| Sparrow Lake R.P.D. | 88,684.96 | 44,342.48 | 44,342.48 | 3,450.57 | 1,727.42 |
| Tara R.P.D. | 30,464.61 | 15,232.31 | 15,232.30 | 2,128.48 | 1,482.98 |
| Thornton R.P.D. | 9,440.39 | 4,720.20 | 4,720.19 | 757.38 | 302.81 |
| Utterson R.P.D. | *48,473.25 | 23,240.55 | 25,232.70 | 1,848.93 | 1,800.82 |
| Uxbridge R.P.D. | 84,743.12 | 42,371.56 | 42,371.56 | 4,566.09 | 2,353.14 |
| Wasaga Beach R.P.D. | 75,524.88 | ........ | 75,524.88 | 6,016.45 | 2,040.43 |
| Wroxeter R.P.D. | 75,791.50 | 36,515.33 | 39,276.17 | 5,226.66 | 2,140.28 |
| Total capital | 1,716,059.96 | 810,676.82 | 905,383.14 | ........ | ........ |
| Non-operating capital | 8,529.73 | 4,264.86 | 4,264.87 | ........ | ........ |
| Grand totals | 1,724,589.69 | 814,941.68 | 909,648.01 | 104,670.13 | 53,270.75 |

Note—Items marked * include portions of transmission lines aggregating $10,998.67 used for purposes of rural power districts.

**RURAL POWER DISTRICTS** *G.B.—RURAL OPERATI NG*

**District, the revenues collected from (or charged to) customers within each District, the Municipalities comprising certain other Districts upon ascertainment (by in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|---|---|---|---|---|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 877.95 | 775.99 | 387.99 | 206.92 | 6,716.20 | 6,882.32 | 166.12 | |
| 98.22 | 86.07 | 43.03 | 23.15 | 512.42 | 516.28 | 3.86 | |
| 1,786.85 | 1,552.49 | 776.25 | 421.15 | 12,653.93 | 11,265.79 | | 1,388.14 |
| 2,801.99 | 2,508.67 | 1,254.33 | 660.41 | 20,991.46 | 21,759.21 | 767.75 | |
| 1,615.88 | 1,446.73 | 723.36 | 380.85 | 7,967.90 | 6,461.85 | | 1,506.05 |
| 2,024.18 | 1,812.28 | 906.14 | 477.08 | 13,932.45 | 15,179.14 | 1,246.69 | |
| 1,413.82 | 1,251.98 | 626.00 | 333.23 | 11,619.41 | 11,828.21 | 208.80 | |
| 67.43 | 60.37 | 30.19 | 15.89 | 593.08 | 287.90 | | 305.18 |
| 847.09 | 751.81 | 375.90 | 199.66 | 5,232.16 | 4,461.64 | | 770.52 |
| 1,469.94 | 1,224.09 | 612.04 | 346.46 | 11,038.46 | 12,366.43 | 1,327.97 | |
| 90.24 | 80.79 | 40.39 | 21.27 | 1,085.48 | 532.50 | | 552.98 |
| 499.93 | 378.49 | 189.24 | 117.83 | 4,056.47 | 3,926.06 | | 130.41 |
| 33.44 | 29.94 | 14.97 | 7.88 | 842.58 | 665.22 | | 177.36 |
| 15.83 | 14.17 | 7.08 | 3.73 | 104.55 | 123.84 | 19.29 | |
| 1,064.20 | 925.75 | 462.87 | 250.82 | 5,949.39 | 5,075.21 | | 874.18 |
| 891.11 | 792.49 | 396.25 | 210.04 | 5,696.19 | 6,638.18 | 941.99 | |
| 130.45 | 109.32 | 54.66 | 30.74 | 1,019.37 | 786.92 | | 232.45 |
| 152.42 | 136.46 | 68.23 | 35.92 | 1,236.36 | 1,207.43 | | 28.93 |
| 1,109.70 | 993.53 | 496.76 | 261.54 | 6,906.27 | 6,324.39 | | 581.88 |
| 42.30 | 38.02 | 19.01 | 10.01 | 113.09 | 44.08 | | 69.01 |
| 1,205.34 | 1,079.16 | 539.58 | 284.09 | 6,774.84 | 5,486.79 | | 1,288.05 |
| 2,059.86 | 1,844.22 | 922.11 | 485.49 | 17,431.00 | 20,250.86 | 2,819.86 | |
| 14.08 | 12.74 | 6.37 | 3.35 | 38.11 | 12.73 | | 25.38 |
| 1,756.88 | 1,572.97 | 786.48 | 414.08 | 12,262.57 | 14,799.79 | 2,537.22 | |
| 676.02 | 600.21 | 300.11 | 159.33 | 4,291.76 | 3,655.28 | | 636.48 |
| 44.27 | 39.86 | 19.93 | 10.49 | 140.44 | 78.66 | | 61.78 |
| 396.91 | 355.36 | 177.68 | 93.55 | 1,982.73 | 1,966.94 | | 15.79 |
| 568.70 | 509.17 | 254.59 | 134.04 | 3,338.49 | 2,976.07 | | 362.42 |
| 23.18 | 20.90 | 10.45 | 5.50 | 62.37 | 16.04 | | 46.33 |
| 387.57 | 347.00 | 173.50 | 91.35 | 2,719.56 | 3,115.69 | 396.13 | |
| 788.00 | 705.51 | 352.76 | 185.73 | 4,144.98 | 3,631.62 | | 513.36 |
| 326.22 | 292.07 | 146.03 | 76.89 | 2,774.09 | 2,495.38 | | 278.71 |
| 1,726.54 | 1,545.80 | 772.90 | 406.92 | 12,400.85 | 13,299.87 | 899.02 | |
| 199.13 | 168.95 | 84.47 | 46.94 | 1,148.60 | 730.37 | | 418.23 |
| 183.49 | 164.28 | 82.14 | 43.25 | 2,396.15 | 1,741.39 | | 654.76 |
| 609.86 | 521.29 | 260.65 | 143.74 | 3,646.39 | 2,258.23 | | 1,388.16 |
| 1,926.77 | 1,725.07 | 862.54 | 454.13 | 10,146.50 | 10,385.53 | 239.03 | |
| 680.19 | 608.99 | 304.50 | 160.32 | 5,365.46 | 5,198.90 | | 166.56 |
| 209.89 | 187.92 | 93.96 | 49.47 | 1,601.43 | 1,170.99 | | 430.44 |
| 1,107.99 | 952.16 | 476.08 | 261.15 | 6,447.13 | 7,086.97 | 639.84 | |
| 1,889.57 | 1,691.77 | 845.89 | 445.36 | 11,791.82 | 10,263.25 | | 1,528.57 |
| 3,164.77 | 1,416.73 | 708.37 | 745.90 | 14,092.65 | 15,644.32 | 1,551.67 | |
| 1,742.38 | 1,504.77 | 752.39 | 410.66 | 11,777.14 | 12,543.18 | 766.04 | |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 38,720.58 | 32,836.34 | 16,418.17 | 9,126.31 | 255,042.28 | 255,141.45 | 14,531.28 | 14,432.11 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## GEORGIAN BAY

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Alliston | June 1918 | 1,202.03 | | | 1,202.03 |
| Arthur | Dec. 1916 | 40.16 | | 36.82 | 76.98 |
| Barrie | April 1913 | 7,197.20 | | | 7,197.20 |
| Beaverton | Nov. 1914 | 662.06 | | | 662.06 |
| Beeton | Aug. 1918 | 345.15 | | | 345.15 |
| Bradford | Oct. 1918 | 1,141.46 | | | 1,141.46 |
| Brechin | Jan. 1915 | 98.39 | | | 98.39 |
| Cannington | Nov. 1914 | 816.83 | | | 816.83 |
| Chatsworth | Dec. 1915 | 186.83 | | 83.41 | 270.24 |
| Chesley | July 1916 | 3,021.59 | | | 3,021.59 |
| Coldwater | Mar. 1913 | 1,158.08 | | 6.09 | 1,164.17 |
| Collingwood | Mar. 1913 | 621.13 | | | 621.13 |
| Cookstown | May 1918 | 376.24 | | | 376.24 |
| Creemore | Nov. 1914 | 175.21 | | | 175.21 |
| Dundalk | Dec. 1915 | 849.15 | | | 849.15 |
| Durham | Dec. 1915 | 2,131.46 | | | 2,131.46 |
| Elmvale | June 1913 | 789.81 | | | 789.81 |
| Elmwood | April 1918 | 305.83 | | | 305.83 |
| Flesherton | Dec. 1915 | 330.32 | | | 330.32 |
| Grand Valley | Dec. 1916 | 476.87 | | | 476.87 |
| Gravenhurst | Nov. 1915 | 2,859.46 | | | 2,859.46 |
| Hanover | Sept. 1916 | 4,006.58 | | | 4,006.58 |
| Holstein | May 1916 | | 3,133.10 | 5,332.21 | 428.98 |
| Huntsville | Sept. 1916 | | 489.88 | 489.88 | |
| Kincardine | Mar. 1921 | 3,616.44 | | | 3,616.44 |
| Kirkfield | June 1920 | | 93.13 | | |
| Lucknow | June 1921 | 1,085.92 | | | 1,085.92 |
| Markdale | Mar. 1916 | 958.82 | | | 958.82 |
| Meaford | Jan. 1924 | 1,978.39 | | | 1,978.39 |
| Midland | July 1911 | 13,039.70 | | | 13,039.70 |
| Mildmay | Dec. 1932 | 788.44 | | | 788.44 |
| Mount Forest | Dec. 1915 | 1,777.65 | | | 1,777.65 |
| Neustadt | Dec. 1918 | | 7,222.00 | 16,247.22 | 4,907.94 |
| Orangeville | July 1916 | 1,586.50 | | | 1,586.50 |
| Owen Sound | Dec. 1915 | 17,371.00 | | | 17,371.00 |
| Paisley | Sept. 1923 | 562.56 | | | 562.56 |
| Penetanguishene | July 1911 | 2,841.80 | | | 2,841.80 |
| Port Elgin | Mar. 1931 | 903.03 | | | 903.03 |
| Port McNicholl | Jan. 1915 | 170.27 | | 212.20 | 382.47 |
| Port Perry | Sept. 1922 | 953.40 | | | 953.40 |
| Priceville | Mar. 1920 | 134.06 | | 5,579.48 | 5,713.54 |
| Ripley | Jan. 1921 | 499.31 | | | 499.31 |
| Rosseau | July 1931 | 641.64 | | | 641.64 |
| Shelburne | July 1916 | 1,397.62 | | | 1,397.62 |
| Southampton | Feb. 1931 | 1,435.33 | | | 1,435.33 |

**SYSTEM** *G.B.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934; the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 20.69 | | 415.59 | | 436.28 | |
| 0.81 | | 1,117.53 | | 1,118.34 | |
| 95.44 | | 10,976.86 | | 11,072.30 | |
| 9.37 | | 1,002.37 | | 1,011.74 | |
| 5.67 | | 243.12 | | 248.79 | |
| 18.81 | | 1,712.68 | | 1,731.49 | |
| 1.66 | | 607.20 | | 608.86 | |
| 13.71 | | 683.05 | | 696.76 | |
| 5.21 | | 264.72 | | 269.93 | |
| 53.74 | | 2,135.06 | | 2,188.80 | |
| 20.81 | | 848.42 | | 869.23 | |
| 10.21 | | 4,419.34 | | 4,429.55 | |
| 6.76 | | 541.98 | | 548.74 | |
| 2.75 | | 277.43 | | 280.18 | |
| 14.33 | | 1,228.33 | | 1,242.66 | |
| 42.98 | | 1,657.56 | | 1,700.54 | |
| 15.58 | | 460.38 | | 475.96 | |
| 5.50 | | 270.81 | | 276.31 | |
| 6.28 | | 444.12 | | 450.40 | |
| 7.91 | | 692.11 | | 700.02 | |
| 58.30 | | 1,696.12 | | 1,754.42 | |
| 72.01 | | 3,748.70 | | 3,820.71 | |
| 86.45 | | | 33.59 | 1,822.99 | |
| | 7.87 | 1,464.17 | | 1,456.30 | |
| 60.24 | | 4,522.74 | | 4,582.98 | |
| | 3.73 | 188.82 | | 91.96 | |
| 17.73 | | 2,563.71 | | 2,581.44 | |
| 17.00 | | 525.08 | | 542.08 | |
| 34.37 | | 2,671.49 | | 2,705.86 | |
| 199.68 | | 11,837.04 | | 12,036.72 | |
| 13.47 | | 842.62 | | 856.09 | |
| 30.70 | | 2,123.41 | | 2,154.11 | |
| 303.41 | | 201.51 | | 4,622.20 | |
| 29.21 | | 2,747.84 | | 2,777.05 | |
| 301.80 | | 9,099.92 | | 9,401.72 | |
| 9.01 | | 907.36 | | 916.37 | |
| 37.68 | | 2,820.67 | | 2,858.35 | |
| 15.59 | | | 854.62 | | 839.03 |
| 3.88 | | 401.11 | | 404.99 | |
| 17.13 | | 1,835.81 | | 1,852.94 | |
| 152.08 | | 260.82 | | 412.90 | |
| 9.86 | | 555.76 | | 565.62 | |
| 11.47 | | 659.42 | | 670.89 | |
| 23.64 | | 1,786.97 | | 1,810.61 | |
| 29.87 | | | 728.42 | | 698.55 |

## GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power
made and interest added during the year. Also the net amount Credited
ending October 31, 1935, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Stayner | Oct. 1913 | 908.54 | | | 908.54 |
| Sunderland | Nov. 1914 | 499.01 | | | 499.01 |
| Tara | Feb. 1918 | 580.55 | | | 580.55 |
| Teeswater | Dec. 1920 | 458.45 | | | 458.45 |
| Thornton | Nov. 1918 | 440.55 | | | 440.55 |
| Tottenham | Oct. 1918 | | 264.73 | 264.73 | |
| Uxbridge | Sept. 1922 | 1,416.91 | | | 1,416.91 |
| Victoria Harbour | July 1914 | 354.98 | | | 354.98 |
| Walkerton | Feb. 1931 | 2,284.84 | | | 2,284.84 |
| Waubaushene | Dec. 1914 | 223.25 | | | 223.25 |
| Wiarton | May 1931 | 1,419.80 | | | 1,419.80 |
| Windermere | June 1930 | 493.79 | | | 493.79 |
| Wingham | Dec. 1920 | 2,155.54 | | | 2,155.54 |
| Woodville | Nov. 1914 | 105.13 | | | 105.13 |
| Total—Municipalities | | 91,875.06 | 11,202.84 | 28,252.04 | 103,129.98 |
| RURAL POWER DISTRICTS | | | | | |
| Alliston R.P.D. | Nov. 1929 | 2,567.67 | | | |
| Arthur R.P.D. | Dec. 1929 | 66.81 | | | |
| Bala R.P.D. | Jan. 1930 | | 1,585.74 | | |
| Barrie R.P.D. | Aug. 1923 | | 1,980.97 | | 29.60 |
| Baysville R.P.D. | July 1932 | | 4,311.30 | | |
| Beaumaris R.P.D. | June 1928 | | 240.27 | | |
| Beaverton R.P.D. | Oct. 1926 | | 7,729.99 | | 36.86 |
| Beeton R.P.D. | Sept. 1926 | | 476.46 | | |
| Bradford R.P.D. | Aug. 1929 | | 3,198.62 | | |
| Bruce R.P.D. | Oct. 1931 | | 487.71 | | |
| Buckskin R.P.D. | July 1928 | | 1,332.76 | | |
| Cannington R.P.D. | May 1924 | 2,300.17 | | | |
| Chatsworth R.P.D. | Dec. 1928 | 139.53 | | | |
| Cookstown R.P.D. | Dec. 1930 | 136.78 | | | |
| Creemore R.P.D. | Dec. 1930 | | 3,466.48 | | 261.62 |
| Elmvale R.P.D. | Jan. 1924 | | 53.98 | | |
| Flesherton R.P.D. | Feb. 1922 | | 1,304.95 | | |
| Gravenhurst R.P.D. | June 1929 | | 135.69 | | |
| Hawkestone R.P.D. | Aug. 1930 | | 2,039.94 | | |
| Holstein R.P.D. | Mar. 1929 | | 70.31 | | |
| Huntsville R.P.D. | Aug. 1931 | | 2,526.00 | | |
| Innisfil R.P.D. | Feb. 1928 | | 4,132.65 | | |
| Lucknow R.P.D. | Feb. 1924 | | 25.38 | | |
| Mariposa R.P.D. | Sept. 1923 | 9,077.14 | | | |
| Markdale R.P.D. | July 1924 | | 1,599.89 | | |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM *G.B.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934; the cash receipts and payments thereon, adjustments**
**or Charged to each Municipality in respect of power supplied in the year**
**as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 15.72 | | 1,101.52 | | 1,117.24 | |
| 8.54 | | 329.57 | | 338.11 | |
| 11.77 | | 664.59 | | 676.36 | |
| 7.54 | | 909.72 | | 917.26 | |
| 7.91 | | 495.07 | | 502.98 | |
| | 4.47 | 10.40 | | 5.93 | |
| 24.52 | | 1,665.52 | | 1,690.04 | |
| 6.78 | | 365.55 | | 372.33 | |
| 39.57 | | 2,313.96 | | 2,353.53 | |
| 3.83 | | 213.42 | | 217.25 | |
| 24.28 | | 1,953.03 | | 1,977.31 | |
| 6.87 | | 559.20 | | 566.07 | |
| 38.46 | | 2,492.27 | | 2,530.73 | |
| 1.70 | | 406.91 | | 408.61 | |
| 2,090.29 | 16.07 | 96,940.48 | 1,616.63 | 104,729.93 | 1,537.58 |
| 102.71 | | 166.12 | | 2,836.50 | |
| 2.67 | | 3.86 | | 73.34 | |
| | 63.43 | | 1,388.14 | | 3,037.31 |
| | 80.32 | 767.75 | | | 1,323.14 |
| | 172.45 | | 1,506.05 | | 5,989.80 |
| | 9.61 | 1,246.69 | | 996.81 | |
| | 310.55 | 208.80 | | | 7,868.60 |
| | 19.06 | | 305.18 | | 800.70 |
| | 127.94 | | 770.52 | | 4,097.08 |
| | 19.51 | 1,327.97 | | 820.75 | |
| | 53.31 | | 552.98 | | 1,939.05 |
| 92.01 | | | 130.41 | 2,261.77 | |
| 5.58 | | | 177.36 | | 32.25 |
| 5.47 | | 19.29 | | 161.54 | |
| | 146.49 | | 874.18 | | 4,748.77 |
| | 2.16 | 941.99 | | 885.85 | |
| | 52.20 | | 232.45 | | 1,589.60 |
| | 5.43 | | 28.93 | | 170.05 |
| | 81.60 | | 581.88 | | 2,703.42 |
| | 2.81 | | 69.01 | | 142.13 |
| | 101.04 | | 1,288.05 | | 3,915.09 |
| | 165.31 | 2,819.86 | | | 1,478.10 |
| | 1.02 | | 25.38 | | 51.78 |
| 363.09 | | 2,537.22 | | 11,977.45 | |
| | 64.00 | | 636.48 | | 2,300.37 |

## GEORGIAN BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing

| Rural power district | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Meaford R.P.D. | Oct. 1928 | | 61.78 | | |
| Medonte R.P.D. | July 1930 | | 1,368.09 | | |
| Midland R.P.D. | Nov. 1930 | | 416.16 | | |
| Neustadt R.P.D. | Nov. 1926 | | 46.33 | | |
| Nottawasaga R.P.D. | Jan. 1922 | 1,922.33 | | | |
| Orangeville R.P.D. | Aug. 1927 | | 3,027.04 | | |
| Owen Sound R.P.D. | Mar. 1931 | | 421.90 | | |
| Port Perry R.P.D. | Dec. 1922 | | 5,376.90 | | |
| Ripley R.P.D. | Feb. 1922 | | 1,484.04 | | |
| Sauble R.P.D. | Oct. 1931 | | 1,235.92 | | |
| Shelburne R.P.D. | Feb. 1926 | | 3,258.61 | | |
| Sparrow Lake R.P.D. | Oct. 1925 | | 205.34 | | |
| Tara R.P.D. | Jan. 1925 | | 627.83 | | |
| Thornton R.P.D. | Aug. 1930 | | 1,456.52 | | |
| Utterson R.P.D. | June 1930 | 559.47 | | | |
| Uxbridge R.P.D. | Sept. 1925 | | 6,829.77 | | |
| Wasaga Beach R.P.D. | July 1923 | 14,895.14 | | | |
| Wroxeter R.P.D. | Feb. 1929 | | 1,485.57 | | |
| Total—Rural power districts | | 31,665.04 | 64,000.89 | | 328.08 |
| Total—Municipalities | | 91,875.06 | 11,202.84 | 28,252.04 | 103,129.98 |
| Total—Rural power districts | | 31,665.04 | 64,000.89 | | 328.08 |
| Totals | | 123,540.10 | 75,203.73 | 28,252.04 | 103,458.06 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

SYSTEM *G.B.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934; the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 2.47 | | 61.78 | | 126.03 |
| | 54.72 | | 15.79 | | 1,438.60 |
| | 16.65 | | 362.42 | | 795.23 |
| | 1.85 | | 46.33 | | 94.51 |
| 76.89 | | 396.13 | | 2,395.35 | |
| | 121.08 | | 513.36 | | 3,661.48 |
| | 16.88 | | 278.71 | | 717.49 |
| | 215.08 | 899.02 | | | 4,692.96 |
| | 59.36 | | 418.23 | | 1,961.63 |
| | 49.44 | | 654.76 | | 1,940.12 |
| | 130.34 | | 1,388.16 | | 4,777.11 |
| | 8.21 | 239.03 | | 25.48 | |
| | 25.11 | | 166.56 | | 819.50 |
| | 58.26 | | 430.44 | | 1,945.22 |
| 22.38 | | 639.84 | | 1,221.69 | |
| | 273.19 | | 1,528.57 | | 8,631.53 |
| 595.81 | | 1,551.67 | | 17,042.62 | |
| | 59.42 | 766.04 | | | 778.95 |
| 1,266.61 | 2,570.30 | 14,531.28 | 14,432.11 | 40,699.15 | 74,567.60 |
| 2,090.29 | 16.07 | 96,940.48 | 1,616.63 | 104,729.93 | 1,537.58 |
| 1,266.61 | 2,570.30 | 14,531.28 | 14,432.11 | 40,699.15 | 74,567.60 |
| 3,356.90 | 2,586.37 | 111,471.76 | 16,048.74 | 145,429.08 | 76,105.18 |

## GEORGIAN BAY SYSTEM *G.B.—SINKING FUND*

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds, provided out of other revenues of the system, and interest allowed thereon to October 31, 1935**

| Municipality | Period of years ending Oct. 31, 1935 | Amount | Municipality | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| Alliston | 12 years | 14,331.27 | Stayner | 17 years | 10,756.87 |
| Arthur | 14 “ | 13,155.09 | Sunderland | 16 “ | 7,251.24 |
| Barrie | 17 “ | 92,801.51 | Tara | 12 “ | 5,657.70 |
| Beaverton | 16 “ | 14,444.80 | Teeswater | 11 “ | 7,945.13 |
| Beeton | 12 “ | 10,657.49 | Thornton | 12 “ | 2,222.05 |
| Bradford | 12 “ | 11,903.31 | Tottenham | 12 “ | 6,974.63 |
| Brechin | 16 “ | 5,562.91 | Uxbridge | 11 “ | 10,900.67 |
| Cannington | 16 “ | 10,890.55 | Victoria Harbour | 16 “ | 4,457.95 |
| Chatsworth | 15 “ | 2,811.97 | Walkerton | 5 “ | 7,099.18 |
| Chesley | 14 “ | 23,498.03 | Waubaushene | 16 “ | 2,521.03 |
| Coldwater | 17 “ | 9,318.31 | Wiarton | 5 “ | 5,781.66 |
| Collingwood | 17 “ | 95,801.86 | Windermere | 6 “ | 1,187.70 |
| Cookstown | 12 “ | 3,386.73 | Wingham | 11 “ | 22,985.27 |
| Creemore | 16 “ | 8,093.08 | Woodville | 16 “ | 7,227.28 |
| Dundalk | 15 “ | 8,017.80 | | | |
| | | | Total—Municipalities | | $1,073,533.56 |
| Durham | 15 “ | 21,531.73 | | | |
| Elmvale | 17 “ | 10,669.25 | | | |
| Elmwood | 12 “ | 2,604.43 | RURAL POWER DISTRICTS | | |
| Flesherton | 15 “ | 4,499.12 | | | |
| Grand Valley | 14 “ | 8,016.37 | **Alliston R.P.D.** | 6 years | 3,139.05 |
| | | | **Arthur R.P.D.** | 6 “ | 218.73 |
| Gravenhurst | 15 “ | 16,021.28 | **Bala R.P.D.** | 6 “ | 3,846.58 |
| Hanover | 14 “ | 55,517.39 | **Barrie R.P.D.** | 13 “ | 10,255.49 |
| Holstein | 14 “ | 1,788.55 | **Baysville R.P.D.** | 4 “ | 1,997.50 |
| Huntsville | 14 “ | 38,179.27 | | | |
| Kincardine | 11 “ | 24,910.03 | **Beaumaris R.P.D.** | 8 “ | 5,613.15 |
| | | | **Beaverton R.P.D.** | 10 “ | 4,462.83 |
| Kirkfield | 11 “ | 2,135.13 | **Beeton R.P.D.** | 10 “ | 183.35 |
| Lucknow | 11 “ | 11,948.34 | **Bradford R.P.D.** | 7 “ | 1,885.65 |
| Markdale | 14 “ | 6,420.65 | **Bruce R.P.D.** | 5 “ | 3,255.72 |
| Meaford | 11 “ | 16,995.39 | | | |
| Midland | 17 “ | 150,526.67 | **Buckskin R.P.D.** | 8 “ | 724.36 |
| | | | **Cannington R.P.D.** | 12 “ | 3,528.64 |
| Mildmay | 3 “ | 892.70 | **Chatsworth R.P.D.** | 7 “ | 380.00 |
| Mount Forest | 15 “ | 20,445.00 | **Cookstown R.P.D.** | 5 “ | 38.31 |
| Neustadt | 12 “ | 4,739.25 | **Creemore R.P.D.** | 5 “ | 2,048.94 |
| Orangeville | 14 “ | 27,373.60 | | | |
| Owen Sound | 15 “ | 129,124.45 | **Elmvale R.P.D.** | 12 “ | 2,882.03 |
| | | | **Flesherton R.P.D.** | 14 “ | 635.26 |
| Paisley | 11 “ | 6,862.12 | **Gravenhurst R.P.D.** | 7 “ | 779.17 |
| Penetanguishene | 19 “ | 43,200.02 | **Hawkestone R.P.D.** | 6 “ | 1,485.30 |
| Port Elgin | 5 “ | 3,876.63 | **Holstein R.P.D.** | 7 “ | 46.22 |
| Port McNicoll | 16 “ | 4,134.47 | | | |
| Port Perry | 11 “ | 10,191.04 | **Huntsville R.P.D.** | 5 “ | 1,710.15 |
| | | | **Innisfil R.P.D.** | 8 “ | 7,889.08 |
| Priceville | 11 “ | 599.23 | **Lucknow R.P.D.** | 10 “ | 38.66 |
| Ripley | 11 “ | 4,903.43 | **Mariposa R.P.D.** | 13 “ | 9,164.78 |
| Rosseau | 5 “ | 1,520.26 | **Markdale R.P.D.** | 12 “ | 1,375.89 |
| Shelburne | 14 “ | 12,518.27 | | | |
| Southampton | 5 “ | 3,746.42 | **Meaford R.P.D.** | 7 “ | 66.54 |

Note—For townships included in rural power districts see “Cost of Power” statement preceding.

## GEORGIAN BAY SYSTEM *G.B.—SINKING FUND*

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds, provided out of other revenues of the system, and interest allowed thereon to October 31, 1935**

| Rural power district | Period of years ending Oct. 31, 1935 | Amount | Rural power district | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|---|---|---|
| | | $ c. | | | $ c. |
| **Medonte R.P.D.** | 6 years | 745.71 | **Thornton R.P.D.** | 6 years | 700.44 |
| **Midland R.P.D.** | 5 " | 905.88 | **Utterson R.P.D.** | 6 " | 2,325.03 |
| **Neustadt R.P.D.** | 9 " | 42.36 | | | |
| **Nottawasaga R.P.D.** | 14 " | 2,967.93 | **Uxbridge R.P.D.** | 11 " | 5,816.95 |
| | | | **Wasaga Beach R.P.D.** | 13 " | 10,459.80 |
| **Orangeville R.P.D.** | 9 " | 2,297.59 | **Wroxeter R.P.D.** | 7 " | 5,948.73 |
| **Owen Sound R.P.D.** | 5 " | 558.93 | | | |
| **Port Perry R.P.D.** | 13 " | 5,678.62 | Total—Rural power districts | | $117,166.00 |
| **Ripley R.P.D.** | 10 " | 531.03 | | | |
| **Sauble R.P.D.** | 5 " | 465.12 | Total—Municipalities | | $1,073,533.56 |
| | | | Total—Rural power districts | | 117,166.00 |
| **Shelburne R.P.D.** | 10 " | 1,411.59 | | | |
| **Sparrow Lake R.P.D.** | 11 " | 5,817.31 | Grand Total | | $1,190,699.56 |
| **Tara R.P.D.** | 11 " | 2,841.60 | | | |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## GEORGIAN BAY SYSTEM—RURAL LINES

**Statement showing Interest, Sinking Fund, Renewals and Contingencies charged by the Commission to the Municipalities which operate the respective rural lines for the year ending October 31, 1935**

| Operated by | Capital cost | Interest | Sinking fund | Renewals | Contingencies | Total interest, sinking fund, renewals and contingencies charged |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Brechin | 922.02 | 48.22 | 16.60 | 18.44 | 9.22 | 92.48 |
| Flesherton | 1,885.41 | 105.77 | 33.94 | 37.71 | 18.85 | 196.27 |
| Totals | 2,807.43 | 153.99 | 50.54 | 56.15 | 28.07 | 288.75 |

## GEORGIAN BAY SYSTEM—RURAL LINES

**Statement showing the total Sinking Fund paid in respect of each line, together with interest allowed thereon to October 31, 1935**

| Lines operated by | Period of years ending October 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Brechin | 17 years | 362.45 |
| Flesherton | 18 " | 656.13 |
| Total | | 1,018.58 |

## EASTERN ONTARIO

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|---|
| | To Jan. 1 1935 | To Oct. 31 1935 | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Alexandria | 66.00 | 63.00 | 89,894.43 | 193.6 | 1,541.80 | 2,026.53 | 3,950.59 |
| Apple Hill | 57.00 | 55.00 | 11,207.26 | 31.1 | 247.68 | 315.03 | 494.84 |
| Athens | 60.00 | 55.00 | 28,984.55 | 78.4 | 624.37 | 749.24 | 1,288.79 |
| Bath | 80.00 | 78.00 | 17,930.48 | 27.7 | 220.60 | 263.08 | 802.33 |
| Belleville | 37.00 | 35.00 | 767,525.69 | 3,930.0 | 31,297.97 | 27,515.81 | 34,109.75 |
| Bloomfield | 61.00 | 56.00 | 25,895.95 | 67.4 | 536.76 | 755.78 | 1,149.47 |
| Bowmanville | 41.50 | 38.00 | 387,569.86 | 1,772.3 | 14,114.35 | 13,238.32 | 17,331.10 |
| Brighton | 43.00 | 40.00 | 55,274.20 | 238.6 | 1,900.18 | 2,368.01 | 2,460.65 |
| Brockville | 34.00 | 32.00 | 431,444.90 | 2,486.8 | 19,804.53 | 13,737.41 | 18,853.29 |
| Cardinal | 42.00 | 38.00 | 27,911.37 | 151.3 | 1,204.93 | 1,272.99 | 1,245.25 |
| Carleton Place | 37.00 | 35.00 | 226,409.88 | 1,098.8 | 8,750.69 | 7,570.01 | 9,968.65 |
| Chesterville | 44.00 | 44.00 | 46,452.11 | 192.3 | 1,531.45 | 1,668.44 | 2,003.01 |
| Cobourg | 41.00 | 38.00 | 293,899.96 | 1,373.4 | 10,937.57 | 10,944.89 | 13,143.34 |
| Colborne | 41.00 | 40.00 | 30,205.18 | 124.7 | 993.09 | 1,036.81 | 1,353.39 |
| Deseronto | 56.00 | 53.00 | 44,228.75 | 122.6 | 976.37 | 1,820.33 | 1,974.04 |
| Finch | 65.00 | 61.00 | 20,223.21 | 51.4 | 409.34 | 577.49 | 898.92 |
| Hastings | 52.00 | 50.00 | 26,826.67 | 81.5 | 649.05 | 810.18 | 1,199.83 |
| Havelock | 53.00 | 53.00 | 47,144.21 | 121.4 | 966.81 | 1,325.30 | 2,088.07 |
| Kemptville | 42.50 | 42.00 | 73,364.50 | 294.6 | 2,346.15 | 2,444.96 | 3,222.10 |
| Lakefield | 48.00 | 46.00 | 58,800.55 | 193.5 | 1,541.01 | 2,060.59 | 2,614.72 |
| Lanark | 50.00 | 47.00 | 21,086.29 | 67.3 | 535.97 | 428.70 | 931.16 |
| Lancaster | 90.00 | 80.00 | 19,016.15 | 35.2 | 280.33 | 555.21 | 832.91 |
| Lindsay | 43.00 | 42.00 | 416,524.66 | 1,777.5 | 14,155.76 | 15,822.00 | 18,516.64 |
| Madoc | 50.00 | 46.00 | 40,412.23 | 147.0 | 1,170.69 | 1,686.67 | 1,800.02 |
| Marmora | 52.00 | 49.00 | 26,439.62 | 94.2 | 750.20 | 937.87 | 1,175.12 |
| Martintown | 52.00 | 50.00 | 6,288.32 | 23.0 | 183.17 | 311.70 | 277.00 |
| Maxville | 66.00 | 60.00 | 31,329.56 | 74.5 | 593.31 | 796.10 | 1,381.79 |
| Napanee | 40.00 | 38.00 | 194,420.74 | 896.3 | 7,138.01 | 7,254.93 | 8,611.04 |
| Norwood | 43.00 | 43.00 | 22,397.95 | 91.9 | 731.88 | 1,060.44 | 991.72 |
| Oshawa | 35.00 | 36.00 | 2,454,158.21 | 11,124.5 | 88,593.96 | 77,924.65 | 109,161.09 |
| Ottawa | 26.90 | 25.00 | 791,555.88 | 7,300.7 | 58,141.75 | 30,102.08 | 35,253.02 |
| Ottawa | | | 964.71 | 18,824.2 | 207,065.85 | 162.68 | 43.34 |
| Perth | 35.00 | 33.00 | 221,506.63 | 1,216.0 | 9,684.05 | 7,050.50 | 9,773.62 |
| Peterborough | 33.00 | 32.00 | 1,222,824.86 | 6,710.2 | 53,439.10 | 38,346.18 | 54,288.70 |
| Picton | 48.00 | 48.00 | 252,564.07 | 816.2 | 6,500.10 | 7,672.49 | 11,232.34 |
| Port Hope | 42.00 | 39.00 | 262,115.97 | 1,245.1 | 9,915.80 | 11,956.39 | 11,671.17 |
| Prescott | 33.00 | 32.00 | 126,956.70 | 798.0 | 6,355.16 | 4,786.08 | 5,573.17 |
| Richmond | 55.00 | 55.00 | 17,854.26 | 45.3 | 360.76 | 749.33 | 796.85 |
| Russell | 64.00 | 64.00 | 20,210.17 | 50.3 | 400.58 | 528.66 | 893.23 |
| Smiths Falls | 32.00 | 30.00 | 256,165.86 | 1,647.9 | 13,123.65 | 9,301.50 | 11,239.82 |

SYSTEM

*E.O.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,556.72 | 281.62 | 924.92 | 420.02 | 10,702.20 | 12,308.87 | 1,606.67 | .................. |
| 185.40 | 42.09 | 114.53 | 67.47 | 1,467.04 | 1,720.99 | 253.95 | .................. |
| 482.02 | 94.60 | 296.43 | 170.09 | 3,705.54 | 4,384.89 | 679.35 | .................. |
| 300.43 | 52.24 | 185.67 | 60.10 | 1,884.45 | 2,168.14 | 283.69 | .................. |
| 7,095.32 | 2,490.56 | 7,635.72 | 8,526.30 | 118,671.43 | 138,845.94 | 20,174.51 | .................. |
| 376.58 | 78.91 | 265.15 | 146.23 | 3,308.88 | 3,828.56 | 519.68 | .................. |
| 4,034.44 | 1,227.80 | 3,882.91 | 3,845.08 | 57,674.00 | 68,457.22 | 10,783.22 | .................. |
| 605.08 | 190.38 | 555.36 | 517.65 | 8,597.31 | 9,682.30 | 1,084.99 | .................. |
| 5,499.90 | 1,643.40 | 4,248.29 | 5,395.20 | 69,182.02 | 80,419.75 | 11,237.73 | .................. |
| 369.74 | 116.02 | 276.97 | 328.25 | 4,814.15 | 5,855.59 | 1,041.44 | .................. |
| 3,187.69 | 848.30 | 2,261.80 | 2,383.89 | 34,971.03 | 38,820.62 | 3,849.59 | .................. |
| 689.47 | 169.56 | 467.59 | 417.20 | 6,946.72 | 8,462.62 | 1,515.90 | .................. |
| 2,997.63 | 962.30 | 2,941.18 | 2,979.65 | 44,906.56 | 52,927.44 | 8,020.88 | .................. |
| 342.57 | 105.69 | 304.11 | 270.54 | 4,406.20 | 5,009.08 | 602.88 | .................. |
| 627.08 | 162.84 | 451.82 | 265.99 | 6,278.47 | 6,563.05 | 284.58 | .................. |
| 340.44 | 66.25 | 207.20 | 111.51 | 2,611.15 | 3,173.46 | 562.31 | .................. |
| 365.61 | 88.70 | 273.37 | 176.82 | 3,563.56 | 4,102.68 | 539.12 | .................. |
| 688.29 | 150.09 | 482.86 | 263.38 | 5,964.80 | 6,433.75 | 468.95 | .................. |
| 1,097.69 | 260.17 | 734.37 | 639.15 | 10,744.59 | 12,398.17 | 1,653.58 | .................. |
| 770.22 | 184.05 | 597.54 | 419.81 | 8,187.94 | 8,980.65 | 792.71 | .................. |
| 339.52 | 75.73 | 214.49 | 146.01 | 2,671.58 | 3,200.45 | 528.87 | .................. |
| 336.47 | 60.38 | 196.29 | 76.37 | 2,337.96 | 2,876.81 | 538.85 | .................. |
| 4,602.80 | 1,290.44 | 4,187.32 | 3,856.36 | 62,431.32 | 74,969.46 | 12,538.14 | .................. |
| 499.47 | 132.25 | 408.85 | 318.92 | 6,016.87 | 6,868.51 | 851.64 | .................. |
| 330.89 | 94.81 | 267.69 | 204.37 | 3,760.95 | 4,666.68 | 905.73 | .................. |
| 97.11 | 23.44 | 63.64 | 49.90 | 1,005.96 | 1,156.52 | 150.56 | .................. |
| 533.79 | 103.77 | 321.56 | 161.63 | 3,891.95 | 4,551.75 | 659.80 | .................. |
| 1,991.03 | 641.29 | 1,937.74 | 1,944.56 | 29,518.60 | 34,361.35 | 4,842.75 | .................. |
| 255.22 | 80.39 | 225.57 | 199.38 | 3,544.60 | 3,950.58 | 405.98 | .................. |
| 25,730.67 | 7,594.70 | 24,586.86 | 24,135.06 | 357,726.99 | 398,819.43 | 41,092.44 | .................. |
| 6,728.21 | 3,345.47 | 7,518.73 | 15,839.16 | 156,928.42 | 184,922.83 | 27,994.41 | .................. |
| 19.29 | 4.82 | 10.16 | .................. | 207,306.14 | 207,306.14 | .................. | .................. |
| 2,944.93 | 855.04 | 2,196.20 | 2,638.16 | 35,142.50 | 40,538.40 | 5,395.90 | .................. |
| 10,384.18 | 3,642.55 | 12,126.31 | 14,558.05 | 186,785.07 | 215,841.89 | 29,056.82 | .................. |
| 3,339.51 | 755.27 | 2,568.23 | 1,770.78 | 33,838.72 | 39,175.20 | 5,336.48 | .................. |
| 2,630.95 | 846.81 | 2,620.79 | 2,701.30 | 42,343.21 | 49,178.64 | 6,835.43 | .................. |
| 1,544.99 | 498.06 | 1,247.48 | 1,731.29 | 21,736.23 | 25,665.29 | 3,929.06 | .................. |
| 300.60 | 56.52 | 182.94 | 98.28 | 2,545.28 | 2,493.76 | .................. | 51.52 |
| 341.53 | 66.07 | 207.17 | 109.13 | 2,546.37 | 3,216.49 | 670.12 | .................. |
| 3,110.57 | 1,021.27 | 2,512.77 | 3,575.19 | 43,884.77 | 49,981.54 | 6,096.77 | .................. |

### EASTERN ONTARIO

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|---|---|
| | To Jan. 1 1935 | To Oct. 31 1935 | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | $ c. | $ c. | | $ c. | $ c. | $ c. |
| Stirling | 34.50 | 33.00 | 40,385.10 | 232.0 | 1,847.62 | 1,407.53 | 1,794.97 |
| Trenton | 32.00 | 30.00 | 457,108.39 | 2,797.9 | 22,282.08 | 13,014.39 | 20,425.01 |
| Tweed | 63.00 | 59.00 | 57,250.66 | 150.4 | 1,197.76 | 2,217.53 | 2,555.35 |
| Warkworth | 53.00 | 50.00 | 18,673.83 | 60.7 | 483.41 | 615.90 | 830.67 |
| Wellington | 47.00 | 45.00 | 46,824.10 | 163.4 | 1,301.29 | 1,429.74 | 2,081.74 |
| Westport | 80.00 | 75.00 | 37,385.87 | 63.0 | 501.72 | 702.79 | 1,673.01 |
| Whitby | 40.00 | 38.00 | 212,488.86 | 953.9 | 7,596.73 | 6,448.37 | 9,433.89 |
| Williamsburg | 40.00 | 36.00 | 33,231.63 | 197.7 | 1,574.46 | 1,457.51 | 1,479.05 |
| Winchester | 40.00 | 40.00 | 51,290.18 | 243.6 | 1,940.00 | 1,933.16 | 2,249.41 |
| Totals—Municipalities | | | 10,070,625.17 | 70,479.3 | 618,439.85 | 339,162.28 | 447,118.98 |
| RURAL POWER DISTRICT | | | | | | | |
| **Alexandria** R.P.D. — Hawkesbury E. and Lochiel twps. | | | 15,220.23 | 31.7 | 252.45 | 271.69 | 677.23 |
| **Arnprior** R.P.D.—Fitzroy and March twps. | | | ............ | ............ | 1,069.50 | ............ | ............ |
| **Belleville** R.P.D.—Huntingdon, Sidney, Thurlow and Tyendinaga twps. | | | 62,376.72 | 310.1 | 2,469.60 | 1,944.78 | 2,756.41 |
| **Bowmanville** R.P.D.—Darlington twp. | | | 24,767.09 | 110.4 | 879.21 | 812.08 | 1,100.47 |
| **Brighton** R.P.D.—Brighton, Cramahe and Murray twps. | | | 5,397.66 | 23.3 | 185.56 | 194.51 | 239.35 |
| **Brockville** R.P.D.—Augusta, Elizabethtown, Escott Front, Leeds and Lansdowne Front, Leeds and Lansdowne Rear, Yonge and Escott Rear and Yonge Front twps. | | | 55,550.66 | 275.2 | 2,191.65 | 1,654.56 | 2,435.70 |
| **Campbellford** R.P.D. — Rawdon and Seymour twps. | | | 11,979.90 | 65.6 | 522.43 | 287.10 | 527.20 |
| **Carleton Place** R.P.D.—Ramsay twp. | | | ............ | ............ | 14.55 | ............ | ............ |
| **Chesterville** R.P.D. — Cambridge, Finch, Osnabruck, Russell, Williamsburg and Winchester twps. | | | 54,477.05 | 191.3 | 1,523.49 | 1,376.80 | 2,409.03 |
| **Cobourg** R.P.D.—Alnwick, Haldimand, Hamilton and Hope twps. | | | 55,027.09 | 248.7 | 1,980.61 | 1,681.28 | 2,425.38 |
| **Colborne** R.P.D.—Cramahe and Haldimand twps. | | | 23,813.63 | 92.9 | 739.84 | 616.46 | 1,055.18 |
| **Fenelon Falls** R.P.D. — Bexley, Fenelon, Laxton, Digby, Longford, Somerville and Verulam twps. | | | 18,075.22 | 66.8 | 531.99 | 646.68 | 806.08 |

**SYSTEM** *E.O.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 320.37 | 122.57 | 398.91 | 503.33 | 6,395.30 | 7,720.77 | 1,325.47 | .................. |
| 3,274.52 | 1,372.72 | 4,500.59 | 6,070.15 | 70,939.46 | 84,890.98 | 13,951.52 | .................. |
| 829.05 | 171.78 | 585.73 | 326.30 | 7,883.50 | 8,981.22 | 1,097.72 | .................. |
| 246.17 | 61.08 | 189.85 | 131.69 | 2,558.77 | 3,065.21 | 506.44 | .................. |
| 593.80 | 147.97 | 474.79 | 354.50 | 6,383.83 | 7,409.30 | 1,025.47 | .................. |
| 670.77 | 123.54 | 386.61 | 136.68 | 4,195.12 | 4,774.65 | 579.53 | .................. |
| 2,249.20 | 627.65 | 2,130.83 | 2,069.53 | 30,556.20 | 36,569.31 | 6,013.11 | .................. |
| 418.34 | 133.60 | 327.78 | 428.92 | 5,819.66 | 7,258.96 | 1,439.30 | .................. |
| 722.32 | 197.97 | 512.80 | 528.50 | 8,084.16 | 9,742.95 | 1,658.79 | .................. |
| 106,998.59 | 33,363.53 | 100,216.47 | 112,067.83 | 1,757,367.53 | 1,998,698.84 | 241,382.83 | 51.52 |
| 264.92 | 48.61 | 156.72 | 68.77 | 1,740.39 | 1,740.39 | see page | 233 |
| .................. | .................. | .................. | .................. | 1,069.50 | 1,069.50 | " | " |
| 596.15 | 205.51 | 621.62 | 672.78 | 9,266.85 | 9,266.85 | " | " |
| 263.81 | 79.61 | 248.46 | 239.52 | 3,623.16 | 3,623.16 | " | " |
| 59.09 | 18.59 | 54.23 | 50.55 | 801.88 | 801.88 | " | " |
| 768.16 | 207.73 | 554.12 | 597.06 | 8,408.98 | 8,408.98 | " | " |
| 102.03 | 38.60 | 118.83 | 142.32 | 1,738.51 | 1,738.51 | " | " |
| .................. | .................. | .................. | .................. | 14.55 | 14.55 | " | " |
| 851.23 | 194.23 | 552.23 | 415.03 | 7,322.04 | 7,322.04 | " | " |
| 578.93 | 183.12 | 551.63 | 539.56 | 7,940.51 | 7,940.51 | " | " |
| 281.43 | 85.29 | 240.37 | 201.55 | 3,220.12 | 3,220.12 | " | " |
| 221.41 | 59.79 | 182.86 | 144.93 | 2,593.74 | 2,593.74 | " | " |

## EASTERN ONTARIO

**Statement showing the amount to be paid by each Municipality as the cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost**

| Rural power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Iroquois** R.P.D.—Gower S., Matilda, Mountain, Oxford, Williamsburg and Winchester twps. | 53,010.94 | 396.1 | 3,154.49 | 1,749.99 | 2,342.75 |
| **Kemptville** R.P.D.—Oxford twp. | 5,788.20 | 21.9 | 174.41 | 182.85 | 256.03 |
| **Kingston** R.P.D.—Bedford, Ernestown, Hinchingbrooke, Kingston, Leeds and Lansdowne Front, Loughborough, Oso, Pittsburgh, Portland and Storrington twps. | 77,091.58 | 325.5 | 3,659.23 | 2,037.49 | 3,412.79 |
| **Lakefield** R.P.D.—Burleigh and Anstruther, Douro, Harvey and Smith twps. | 10,755.44 | 40.9 | 325.72 | 300.40 | 478.04 |
| **Lindsay** R.P.D.—Fenelon, Ops and Verulam twps. | 6,770.56 | 23.6 | 187.95 | 196.13 | 278.90 |
| **Martintown** R.P.D.—Charlottenburg and Lancaster twps. | 19,523.41 | 58.1 | 462.70 | 486.12 | 854.82 |
| **Maxville** R.P.D.—Caledonia, Kenyon, Plantagenet N., Plantagenet S. and Roxborough twps. | 64,312.78 | 159.8 | 1,272.63 | 1,223.55 | 2,857.23 |
| **Millbrook** R.P.D.—Cavan, Manvers and Monaghan S. twps. | 13,092.64 | 43.4 | 345.63 | 509.62 | 576.02 |
| **Napanee** R.P.D.—Camden E., Ernestown, Fredericksburg N., Fredericksburg S., Hungerford, Portland, Richmond, Sheffield and Tyendinaga twps. | 53,821.81 | 204.1 | 1,625.43 | 1,286.60 | 2,380.00 |
| **Nepean** R.P.D.—Clarence, Cumberland, Gloucester, Goulburn, Gower N., March, Nepean and Osgoode twps. | 81,174.58 | 613.4 | 4,885.95 | 2,567.19 | 3,569.42 |
| **Newcastle** R.P.D.—Clarke, Darlington and Manvers twps. | 16,114.47 | 61.2 | 487.39 | 470.57 | 713.24 |
| **Norwood** R.P.D.—Asphodel, Belmont and Methuen, Dummer and Seymour twps. | 7,100.43 | 21.3 | 169.63 | 208.03 | 313.99 |
| **Omemee** R.P.D.—Emily and Ops twps. | 1,336.92 | 4.8 | 38.23 | 47.42 | 59.39 |
| **Oshawa** R.P.D.—Darlington, Pickering, Uxbridge, Whitby and Whitby E. twps. | 159,482.14 | 709.6 | 5,651.15 | 6,242.24 | 7,061.43 |
| **Perth** R.P.D.—Bathurst, Burgess N., Dalhousie and Sherbrooke N., Drummond, Elmsley N. and Elmsley S. twps. | 10,401.19 | 37.1 | 420.29 | 415.34 | 413.91 |

**SYSTEM** *E.O.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 566.76 | 206.72 | 513.84 | 859.36 | 9,393.91 | 9,393.91 | see page | 233 |
| 88.28 | 21.02 | 58.11 | 47.51 | 828.21 | 828.21 | " | " |
| 858.37 | 248.02 | 774.94 | 706.19 | 11,697.03 | 11,697.03 | " | " |
| 129.34 | 32.49 | 108.68 | 88.73 | 1,463.40 | 1,463.40 | " | " |
| 76.11 | 20.84 | 63.49 | 51.20 | 874.62 | 874.62 | " | " |
| 318.09 | 67.94 | 199.08 | 126.05 | 2,514.80 | 2,415.80 | " | " |
| 1,087.20 | 220.71 | 659.33 | 346.69 | 7,667.34 | 7,667.34 | " | " |
| 168.10 | 45.32 | 131.58 | 94.16 | 1,870.43 | 1,870.43 | " | " |
| 646.89 | 178.64 | 543.13 | 442.81 | 7,103.50 | 7,103.50 | " | " |
| 858.66 | 351.06 | 786.17 | 1,330.80 | 14,348.33 | 14,348.33 | " | " |
| 193.94 | 55.47 | 162.84 | 132.78 | 2,216.23 | 2,216.23 | " | " |
| 97.33 | 24.35 | 72.39 | 46.21 | 931.93 | 931.93 | " | " |
| 16.67 | 4.61 | 13.54 | 10.41 | 190.27 | 190.27 | " | " |
| 1,700.57 | 489.10 | 1,599.53 | 1,539.51 | 24,283.53 | 24,283.53 | " | " |
| 140.53 | 38.75 | 93.68 | 80.49 | 1,602.99 | 1,602.99 | " | " |

## EASTERN ONTARIO

Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; upon ascertainment (by annual adjustment) of the actual cost

| Rural Power district | Share of capital cost of system on which interest and fixed charges are payable | Average horse-power supplied in year after correction for power factor | Cost of power purchased | Share of operating | |
|---|---|---|---|---|---|
| | | | | Operating, maintenance and administrative expenses | Interest |
| | $ c. | | $ c. | $ c. | $ c. |
| **Peterborough** R.P.D. — Cavan, Douro, Monaghan N., Monahgan S., Otonabee and Smith twps. | 91,093.82 | 470.1 | 3,743.81 | 3,036.31 | 4,021.07 |
| **Prescott** R.P.D.—Augusta, Edwardsburg and Matilda twps. | 20,660.44 | 120.1 | 1,118.41 | 1,009.89 | 895.97 |
| **Renfrew** R.P.D.—Admaston, Bromley and Horton twps. | ........ | ........ | 665.88 | ........ | ........ |
| **Smiths Falls** R.P.D.—Bastard and Burgess S., Crosby S., Kitley, Montague and Wolford twps. | 36,691.46 | 154.9 | 1,233.60 | 887.28 | 1,620.73 |
| **Stirling** R.P.D.—Rawdon and Sidney twps. | 8,686.41 | 45.7 | 363.95 | 370.09 | 381.26 |
| **Trenton** R.P.D.—Brighton, Murray and Sidney twps. | 39,051.59 | 222.4 | 1,771.16 | 1,514.15 | 1,738.42 |
| **Warkworth** R.P.D.—Percy twp. | 695.26 | 3.1 | 24.69 | 27.91 | 30.69 |
| **Wellington** R.P.D.—Ameliasburg, Athol, Hallowell, Hillier, Murray and Sophiasburg twps. | 56,642.44 | 194.8 | 1,551.35 | 1,444.54 | 2,488.23 |
| **Williamsburg** R.P.D.—Matilda and Williamsburg twps. | 10,253.56 | 61.0 | 485.80 | 333.83 | 454.48 |
| Totals—Rural power districts | 1,170,237.32 | 5,408.9 | 46,179.44 | 36,033.48 | 51,630.84 |
| Totals—Municipalities | 10,070,625.17 | 70,479.3 | 618,439.85 | 339,162.28 | 447,118.98 |
| Totals—Rural power districts | 1,170,237.32 | 5,408.9 | 46,179.44 | 36,033.48 | 51,630.84 |
| Totals—Companies | 5,627,449.25 | 21,605.5 | 172,063.19 | 168.693.39 | 252,600.66 |
| Totals—Local electric distribution systems | 137,807.52 | 285.3 | 2,272.08 | 8,066.77 | 6,179.24 |
| Totals—Local gas distribution system | 26,487.86 | ........ | ........ | 16,440.78 | 1,190.01 |
| Totals—Pulp mill | 276,156.97 | 1,298.5 | 10,341.07 | 34,433.93 | 12,405.35 |
| | 17,308,764.09 | | | | |
| Non-operating capital | 107,993.00 | | | | |
| Grand totals | 17,416,757.09 | 99,077.5 | 849,295.63 | 602,830.63 | 771,125.08 |

SYSTEM *E.O.—COST OF POWER*

**the Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Municipality of power supplied to it in the year ending October 31, 1935**

| costs and fixed charges | | | Cost in excess of revenue from power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
|---|---|---|---|---|---|---|---|
| Renewals | Obsolescence and contingencies | Sinking fund | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 836.00 | 281.44 | 906.68 | 1,019.90 | 13,845.21 | 13,845.21 | see page | 233 |
| 263.58 | 82.73 | 204.10 | 260.56 | 3,835.24 | 3,835.24 | " | " |
| ............ | ............ | ............ | ............ | 665.88 | 665.88 | " | " |
| 544.62 | 153.54 | 369.01 | 336.07 | 5,144.85 | 5,144.85 | " | " |
| 77.73 | 27.80 | 86.27 | 99.15 | 1,406.25 | 1,406.25 | " | " |
| 314.62 | 122.84 | 386.35 | 482.51 | 6,330.05 | 6,330.05 | " | " |
| 7.40 | 2.47 | 6.97 | 6.73 | 106.86 | 106.86 | " | " |
| 713.70 | 181.59 | 569.09 | 422.62 | 7,371.12 | 7,371.12 | " | " |
| 129.08 | 41.22 | 101.14 | 132.34 | 1,677.89 | 1,677.89 | " | " |
| 13,820.73 | 4,019.75 | 11,691.01 | 11,734.85 | 175,110.10 | 175,110.10 | " | " |
| 106,998.59 | 33,363.53 | 100,216.47 | 112,067.83 | 1,757,367.53 | 1,998,698.84 | 241,382.83 | 51.52 |
| 13,820.73 | 4,019.75 | 11,691.01 | 11,734.85 | 175,110.10 | 175,110.10 | ............ | ............ |
| 57,600.42 | 14,335.52 | 51,146.99 | (98,468.81) | 617,971.36 | 617,971.36 | ............ | ............ |
| 2,028.54 | 268.72 | 844.76 | 5,067.12 | 24,727.23 | 24,727.23 | ............ | ............ |
| ............ | ............ | ............ | (1,925.37) | 15,705.42 | 15,705.42 | ............ | ............ |
| 2,799.98 | 695.49 | 2,209.32 | (28,475.62) | 34,409.52 | 34,409.52 | ............ | ............ |
| 183,248.26 | 52,683.01 | 166,108.55 | ............ | 2,625,291.16 | 2,866,622.47 | 241,382.83 | 51.52 |

### EASTERN ONTARIO SYSTEM

**Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to (by annual adjustment) of the actual costs**

| Rural power district | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | Cost of operation maintenance and administration |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Alexandria R.P.D. | 28,935.82 | 14,467.91 | 14,467.91 | 1,740.39 | 1,157.14 |
| Arnprior R.P.D. | 16,374.79 | 6,726.35 | 9,648.44 | 1,069.50 | 568.54 |
| Belleville R.P.D. | 153,931.34 | 76,257.98 | 77,673.36 | 9,266.85 | 4,664.01 |
| Bowmanville R.P.D. | 48,549.80 | 24,274.90 | 24,274.90 | 3,623.16 | 1,213.28 |
| Brighton R.P.D. | 15,602.80 | 7,801.40 | 7,801.40 | 801.88 | 656.04 |
| Brockville R.P.D. | *232,091.27 | 113,825.00 | 118,266.27 | 8,408.98 | 9,300.27 |
| Campbellford R.P.D. | 37,503.98 | 18,751.99 | 18,751.99 | 1,738.51 | 1,444.73 |
| Carleton Place R.P.D. | 897.79 | 448.89 | 448.90 | 14.55 | 21.49 |
| Chesterville R.P.D. | *100,779.64 | 48,610.89 | 52,168.75 | 7,322.04 | 4,942.43 |
| Cobourg R.P.D. | 202,438.28 | 100,482.92 | 101,955.36 | 7,940.51 | 4,747.07 |
| Colborne R.P.D. | 61,197.51 | 30,598.76 | 30,598.75 | 3,220.12 | 2,946.92 |
| Fenelon Falls R.P.D. | 67,639.66 | 33,261.25 | 34,378.41 | 2,593.74 | 1,550.49 |
| Iroquois R.P.D. | 178,977.34 | 89,145.32 | 89,832.02 | 9,393.91 | 5,757.48 |
| Kemptville R.P.D. | 11,466.23 | 5,586.29 | 5,879.94 | 828.21 | 359.45 |
| Kingston R.P.D. | 292,749.97 | 142,328.78 | 150,421.19 | 11,697.03 | 11,130.41 |
| Lakefield R.P.D. | *53,802.35 | 26,790.50 | 27,011.85 | 1,463.40 | 764.98 |
| Lindsay R.P.D. | 43,097.44 | 21,548.72 | 21,548.72 | 874.62 | 1,055.53 |
| Martintown R.P.D. | 48,578.36 | 24,289.18 | 24,289.18 | 2,514.80 | 2,087.61 |
| Maxville R.P.D. | 119,945.55 | 59,972.77 | 59,972.78 | 7,667.34 | 3,506.71 |
| Millbrook R.P.D. | 35,263.18 | 17,347.69 | 17,915.49 | 1,870.43 | 1,060.85 |
| Napanee R.P.D. | *214,896.15 | 104,197.61 | 110,698.54 | 7,103.50 | 4,274.95 |
| Nepean R.P.D. | *348,399.59 | 169,801.17 | 178,598.42 | 14,348.33 | 13,219.32 |
| Newcastle R.P.D. | *43,114.69 | 20,626.64 | 22,488.05 | 2,216.23 | 908.99 |
| Norwood R.P.D. | *19,535.66 | 9,480.34 | 10,055.32 | 931.93 | 623.37 |
| Omemee R.P.D. | 7,242.46 | 3,621.23 | 3,621.23 | 190.27 | 51.05 |
| Oshawa R.P.D. | 308,212.83 | 150,662.14 | 157,550.69 | 24,283.53 | 10,929.30 |
| Perth R.P.D. | 33,685.08 | 16,842.54 | 16,842.54 | 1,602.99 | 1,363.59 |
| Peterborough R.P.D. | *190,557.08 | 95,167.87 | 95,389.21 | 13,845.21 | 5,879.46 |
| Prescott R.P.D. | 77,095.72 | 38,366.76 | 38,728.96 | 3,835.24 | 3,224.83 |
| Renfrew R.P.D. | 14,865.20 | 7,432.60 | 7,432.60 | 665.88 | 827.74 |
| Smiths Falls R.P.D. | *141,086.38 | 68,391.97 | 72,694.41 | 5,144.85 | 5,847.29 |
| Stirling R.P.D. | *51,658.49 | 23,452.50 | 28,205.99 | 1,406.25 | 834.46 |
| Trenton R.P.D. | *82,575.58 | 41,194.40 | 41,381.18 | 6,330.05 | 2,329.09 |
| Warkworth R.P.D. | *2,390.45 | 1,008.45 | 1,382.00 | 106.86 | 138.20 |
| Wellington R.P.D. | *190,714.05 | 94,730.30 | 95,983.75 | 7,371.12 | 5,558.44 |
| Williamsburg R.P.D. | 38,008.84 | 19,004.42 | 19,004.42 | 1,677.89 | 1,577.01 |
| Total capital | 3,513,861.35 | 1,726,498.43 | 1,787,362.92 | | |
| Non-operating capital | 21,745.86 | 10,872.93 | 10,872.93 | | |
| Totals | 3,535,607.21 | 1,737,371.36 | 1,798,235.85 | 175,110.10 | 116,522.52 |

Note—Items marked * include portions of transmission lines aggregating $25,945.82 used for purposes of rural power districts.

**District, the revenues collected from (or charged to) customers within each District, the Municipalities comprising certain other Districts upon ascertainment in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
|---|---|---|---|---|---|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 634.65 | 565.05 | 282.52 | 148.75 | 4,528.50 | 3,747.62 | | 780.88 |
| 403.44 | 315.59 | 135.48 | 71.33 | 2,563.88 | 2,394.41 | | 169.47 |
| 3,435.69 | 3,031.30 | 1,515.64 | 805.26 | 22,718.75 | 26,116.51 | 3,397.76 | |
| 1,022.72 | 910.57 | 455.29 | 239.70 | 7,464.72 | 8,090.77 | 626.05 | |
| 348.22 | 310.03 | 155.01 | 81.62 | 2,352.80 | 2,554.63 | 201.83 | |
| 5,271.99 | 4,605.06 | 2,302.52 | 1,235.66 | 31,124.48 | 32,723.18 | 1,598.70 | |
| 816.34 | 726.82 | 363.41 | 191.34 | 5,281.15 | 4,288.55 | | 992.60 |
| 20.11 | 17.95 | 8.97 | 4.73 | 87.80 | 48.02 | | 39.78 |
| 2,270.27 | 1,950.14 | 975.07 | 532.12 | 17,992.07 | 16,800.62 | | 1,191.45 |
| 4,398.34 | 3,886.57 | 1,943.28 | 1,030.90 | 23,946.67 | 23,651.21 | | 295.46 |
| 1,343.09 | 1,195.81 | 597.91 | 314.80 | 9,618.65 | 8,384.93 | | 1,233.72 |
| 1,273.00 | 1,115.65 | 557.83 | 298.37 | 7,389.08 | 7,967.70 | 578.62 | |
| 4,011.41 | 3,557.79 | 1,778.90 | 940.20 | 25,439.69 | 28,389.35 | 2,949.66 | |
| 262.73 | 228.04 | 114.02 | 61.58 | 1,854.03 | 1,948.22 | 94.19 | |
| 6,340.64 | 5,384.40 | 2,692.20 | 1,486.13 | 38,730.81 | 36,944.49 | | 1,786.32 |
| 1,199.20 | 1,063.27 | 531.63 | 281.07 | 5,303.55 | 4,424.05 | | 879.50 |
| 937.52 | 834.71 | 417.35 | 219.74 | 4,339.47 | 4,352.11 | 12.64 | |
| 1,063.51 | 946.89 | 473.45 | 249.27 | 7,335.53 | 6,929.05 | | 406.48 |
| 2,677.21 | 2,383.63 | 1,191.81 | 627.49 | 18,054.19 | 16,950.56 | | 1,103.63 |
| 770.35 | 674.51 | 337.26 | 180.55 | 4,893.95 | 4,943.81 | 49.86 | |
| 4,898.98 | 4,202.78 | 2,101.39 | 1,148.24 | 23,729.84 | 22,908.25 | | 821.59 |
| 7,938.80 | 6,892.29 | 3,446.15 | 1,860.71 | 47,705.60 | 50,050.92 | 2,345.32 | |
| 990.32 | 844.50 | 422.25 | 232.10 | 5,614.39 | 6,502.85 | 888.46 | |
| 451.75 | 390.71 | 195.36 | 105.88 | 2,699.00 | 2,137.90 | | 561.10 |
| 162.28 | 144.48 | 72.24 | 38.04 | 658.36 | 426.43 | | 231.93 |
| 6,832.62 | 5,946.66 | 2,973.32 | 1,601.44 | 52,566.87 | 54,855.48 | 2,288.61 | |
| 738.78 | 657.77 | 328.89 | 173.16 | 4,865.18 | 3,285.91 | | 1,579.27 |
| 4,119.62 | 3,663.44 | 1,831.72 | 965.57 | 30,305.02 | 31,760.63 | 1,455.61 | |
| 1,729.66 | 1,532.74 | 766.38 | 405.40 | 11,494.25 | 10,828.08 | | 666.17 |
| 310.05 | 266.96 | 133.48 | 72.85 | 2,276.96 | 1,911.51 | | 365.45 |
| 2,830.22 | 2,434.21 | 1,217.11 | 663.35 | 18,137.03 | 17,178.87 | | 958.16 |
| 1,264.17 | 1,030.46 | 515.22 | 296.30 | 5,346.86 | 5,071.58 | | 275.28 |
| 1,811.02 | 1,608.69 | 804.35 | 424.46 | 13,307.66 | 15,323.78 | 2,016.12 | |
| 46.94 | 34.33 | 17.16 | 11.00 | 354.49 | 289.37 | | 65.12 |
| 3,944.37 | 3,490.93 | 1,745.47 | 924.50 | 23,034.83 | 21,395.48 | | 1,639.35 |
| 838.43 | 746.50 | 373.25 | 196.51 | 5,409.59 | 5,841.47 | 431.88 | |
| | | | | | | | |
| | | | | | | | |
| 77,408.44 | 67,591.23 | 33,773.29 | 18,120.12 | 488,525.70 | 491,418.30 | 18,935.31 | 16,042.71 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## EASTERN ONTARIO

**Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing**

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Alexandria | Jan. 1921 | 971.73 | | | 971.73 |
| Apple Hill | April 1921 | 97.99 | | | 97.99 |
| Athens | Jan. 1929 | 668.00 | | | 668.00 |
| Bath | Nov. 1931 | 200.20 | | | 200.20 |
| Belleville | April 1929 | 15,846.82 | | | 15,846.82 |
| Bloomfield | April 1919 | 549.60 | | | 549.60 |
| Bowmanville | Oct. 1931 | 7,438.13 | | | 7,438.13 |
| Brighton | Nov. 1929 | 1,443.32 | | | 1,443.32 |
| Brockville | April 1915 | 9,374.34 | | | 9,374.34 |
| Cardinal | July 1930 | 840.65 | | 3.22 | 843.87 |
| Carleton Place | May 1919 | 4,990.97 | | | 4,990.97 |
| Chesterville | April 1914 | 308.43 | | | 308.43 |
| Cobourg | Jan. 1932 | 5,722.34 | | | 5,722.34 |
| Colborne | Jan. 1933 | 305.79 | | | 305.79 |
| Deseronto | Jan. 1931 | 579.92 | | | 579.92 |
| Finch | Feb. 1928 | 296.35 | | | 296.35 |
| Hastings | June 1931 | 328.98 | | | 328.98 |
| Havelock | Feb. 1921 | 343.32 | | | 343.32 |
| Kemptville | Dec. 1921 | 822.33 | | | 822.33 |
| Lakefield | Aug. 1920 | 1,116.71 | | | 1,116.71 |
| Lanark | Sept. 1921 | 394.84 | | | 394.84 |
| Lancaster | May 1921 | | 4,646.68 | 7,674.10 | 611.57 |
| Lindsay | Mar. 1928 | 5,258.97 | | | 5,258.97 |
| Madoc | Jan. 1930 | 787.70 | | | 787.70 |
| Marmora | Jan. 1921 | 496.68 | | | 496.68 |
| Martintown | May 1921 | 101.90 | | 55.97 | 157.87 |
| Maxville | Feb. 1921 | 534.83 | | | 534.83 |
| Napanee | Nov. 1929 | 3,688.78 | | | 3,688.78 |
| Norwood | Feb. 1921 | 215.32 | | | 215.32 |
| Oshawa | Feb. 1929 | | 6,259.40 | 6,397.97 | 138.57 |
| Ottawa | Jan. 1914 | 24,213.79 | | | 24,213.79 |
| Perth | Feb. 1919 | 4,922.06 | | | 4,922.06 |
| Peterborough | Mar. 1913 | 11,741.81 | | | 11,741.81 |
| Picton | April 1919 | 1,814.61 | | | 1,814.61 |
| Port Hope | Nov. 1929 | 6,021.03 | | | 6,021.03 |
| Prescott | Dec. 1913 | 2,455.87 | | | 2,455.87 |
| Richmond | Aug. 1928 | 46.24 | | | 46.24 |
| Russell | Feb. 1926 | 48.68 | | | 48.68 |
| Smiths Falls | Sept. 1918 | 6,173.73 | | | 6,173.73 |
| Stirling | Jan. 1930 | 841.73 | | | 841.73 |
| Trenton | Sept. 1931 | 10,996.27 | | | 10,996.27 |
| Tweed | Dec. 1930 | 743.61 | | | 743.61 |
| Warkworth | Oct. 1923 | 354.63 | | | 354.63 |
| Wellington | April 1919 | 631.00 | | | 631.00 |
| Westport | Nov. 1931 | 514.92 | | | 514.92 |
| Whitby | Jan. 1926 | 3,457.12 | | | 3,457.12 |
| Williamsburg | April 1915 | 1,025.98 | | | 1,025.98 |

**SYSTEM** *E.O.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 16.19 | | 1,606.67 | | 1,622.86 | |
| 1.76 | | 253.95 | | 255.71 | |
| 11.83 | | 679.35 | | 691.18 | |
| 2.65 | | 283.69 | | 286.34 | |
| 220.93 | | 20,174.51 | | 20,395.44 | |
| 9.16 | | 519.68 | | 528.84 | |
| 127.70 | | 10,783.22 | | 10,910.92 | |
| 25.88 | | 1,084.99 | | 1,110.87 | |
| 131.24 | | 11,237.73 | | 11,368.97 | |
| 16.26 | | 1,041.44 | | 1,057.70 | |
| 97.29 | | 3,849.59 | | 3,946.88 | |
| 5.07 | | 1,515.90 | | 1,520.97 | |
| 101.05 | | 8,020.88 | | 8,121.93 | |
| 4.86 | | 602.88 | | 607.74 | |
| 9.60 | | 284.58 | | 294.18 | |
| 4.94 | | 562.31 | | 567.25 | |
| 6.11 | | 539.12 | | 545.23 | |
| 5.61 | | 468.95 | | 474.56 | |
| 11.63 | | 1,653.58 | | 1,665.21 | |
| 18.85 | | 792.71 | | 811.56 | |
| 6.71 | | 528.87 | | 535.58 | |
| 109.47 | | 538.85 | | 3,064.17 | |
| 84.72 | | 12,538.14 | | 12,622.86 | |
| 13.20 | | 851.64 | | 864.84 | |
| 9.24 | | 905.73 | | 914.97 | |
| 3.61 | | 150.56 | | 154.17 | |
| 8.96 | | 659.80 | | 668.76 | |
| 63.19 | | 4,842.75 | | 4,905.94 | |
| 3.96 | | 405.98 | | 409.94 | |
| | 112.74 | 41,092.44 | | 40,979.70 | |
| 398.03 | | 27,994.41 | | 28,392.44 | |
| 84.71 | | 5,395.90 | | 5,480.61 | |
| 193.02 | | 29,056.82 | | 29,249.84 | |
| 29.23 | | 5,336.48 | | 5,365.71 | |
| 96.86 | | 6,835.43 | | 6,932.29 | |
| 33.35 | | 3,929.06 | | 3,962.41 | |
| 0.83 | | | 51.52 | | 50.69 |
| 0.87 | | 670.12 | | 670.99 | |
| 118.31 | | 6,096.77 | | 6,215.08 | |
| 16.33 | | 1,325.47 | | 1,341.80 | |
| 180.13 | | 13,951.52 | | 14,131.65 | |
| 11.90 | | 1,097.82 | | 1,109.62 | |
| 6.81 | | 506.44 | | 513.25 | |
| 10.41 | | 1,025.47 | | 1,035.88 | |
| 8.56 | | 579.53 | | 588.09 | |
| 58.31 | | 6,013.11 | | 6,071.42 | |
| 15.34 | | 1,439.30 | | 1,454.64 | |

## EASTERN ONTARIO

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, also adjustments made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Winchester | Jan. 1914 | 894.70 | | | 894.70 |
| Total—Municipalities | | 140,622.72 | 10,906.08 | 14,131.26 | 141,432.05 |
| RURAL POWER DISTRICTS | | | | | |
| Alexandria R.P.D. | Dec. 1929 | | 3,694.41 | | |
| Arnprior R.P.D. | Dec. 1930 | | 1,631.55 | | |
| Belleville R.P.D. | Aug. 1927 | 27,227.38 | | | |
| Bowmanville R.P.D. | Jan. 1924 | 1,016.82 | | | |
| Brighton R.P.D. | Nov. 1929 | 279.44 | | | |
| Brockville R.P.D. | Nov. 1921 | 1,293.25 | | | |
| Campbellford R.P.D. | Aug. 1924 | | 865.13 | | |
| Carleton Place R.P.D. | Feb. 1932 | | 47.62 | | |
| Chesterville R.P.D. | Nov. 1921 | | 1,879.73 | | |
| Cobourg R.P.D. | Feb. 1927 | | 107.90 | | |
| Colborne R.P.D. | Aug. 1925 | | 1,590.85 | | 33.26 |
| Fenelon Falls R.P.D. | July 1931 | | 672.86 | | |
| Iroquois R.P.D. | July 1930 | 2,639.79 | | 152.00 | 261.94 |
| Kemptville R.P.D. | Dec. 1930 | | 96.28 | | |
| Kingston R.P.D. | Jan. 1923 | | 5,620.28 | 107.07 | |
| Lakefield R.P.D. | July 1928 | | 1,916.84 | | |
| Lindsay R.P.D. | July 1930 | | 1,891.12 | | |
| Martintown R.P.D. | Jan. 1922 | 389.56 | | 2,415.93 | |
| Maxville R.P.D. | Dec. 1927 | | 1,416.17 | | |
| Millbrook R.P.D. | July 1930 | | 1,677.53 | | |
| Napanee R.P.D. | Nov. 1927 | | 6,719.69 | | |
| Nepean R.P.D. | Feb. 1922 | 1,668.76 | | | |
| Newcastle R.P.D. | Sept. 1927 | 1,135.84 | | | |
| Norwood R.P.D. | Jan. 1929 | | 1,923.07 | | |
| Omemee R.P.D. | Jan. 1931 | | 512.02 | | |
| Oshawa R.P.D. | April 1918 | 41,974.03 | | | |
| Perth R.P.D. | Aug. 1931 | | 3,741.54 | | |
| Peterborough R.P.D. | Jan. 1927 | 14,097.02 | | | |
| Prescott R.P.D. | June 1922 | | 287.73 | | |
| Renfrew R.P.D. | Nov. 1930 | | 1,624.50 | | |
| Smiths Falls R.P.D. | May 1929 | | 884.82 | | |
| Stirling R.P.D. | Nov. 1929 | | 467.80 | | |
| Trenton R.P.D. | Jan. 1924 | 2,567.40 | | | |
| Warkworth R.P.D. | Nov. 1928 | 62.98 | | | |
| Wellington R.P.D. | Nov. 1925 | | 2,155.14 | | |
| Williamsburg R.P.D. | Feb. 1923 | | 614.28 | | |
| Totals—Rural power districts | | 94,352.27 | 42,038.86 | 2,675.00 | 295.20 |
| Totals—Municipalities | | 140,622.72 | 10,906.08 | 14,131.26 | 141,432.05 |
| Totals | | 234,974.99 | 52,944.94 | 16,806.26 | 141,727.25 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

**SYSTEM** *E.O.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 15.33 | | 1,658.79 | | 1,674.12 | |
| 2,410.00 | 112.74 | 241,382.83 | 51.52 | 246,095.11 | 50.69 |
| | 147.78 | | 780.88 | | 4,623.07 |
| | 65.26 | | 169.47 | | 1,866.28 |
| 1,089.10 | | 3,397.76 | | 31,714.24 | |
| 40.67 | | 626.05 | | 1,683.54 | |
| 11.18 | | 201.83 | | 492.45 | |
| 51.73 | | 1,598.70 | | 2,943.68 | |
| | 34.61 | | 992.60 | | 1,892.34 |
| | 1.90 | | 39.78 | | 89.30 |
| | 75.19 | | 1,191.45 | | 3,146.37 |
| | 4.32 | | 295.46 | | 407.68 |
| | 64.85 | | 1,233.72 | | 2,922.68 |
| | 26.91 | 578.62 | | | 121.15 |
| 101.56 | | 2,949.66 | | 5,581.07 | |
| | 3.85 | 94.19 | | | 5.94 |
| | 224.81 | | 1,786.32 | | 7,524.34 |
| | 76.67 | | 879.50 | | 2,873.01 |
| | 75.64 | 12.64 | | | 1,954.12 |
| 112.22 | | | 406.48 | 2,511.23 | |
| | 56.65 | | 1,103.63 | | 2,576.45 |
| | 67.10 | 49.86 | | | 1,694.77 |
| | 268.79 | | 821.59 | | 7,810.07 |
| 66.75 | | 2,345.32 | | 4,080.83 | |
| 45.43 | | 888.46 | | 2,069.73 | |
| | 76.92 | | 561.10 | | 2,561.09 |
| | 20.48 | | 231.93 | | 764.43 |
| 1,678.96 | | 2,288.61 | | 45,941.60 | |
| | 149.66 | | 1,579.27 | | 5,470.47 |
| 563.88 | | 1,455.61 | | 16,116.51 | |
| | 11.51 | | 666.17 | | 965.41 |
| | 64.98 | | 365.45 | | 2,054.93 |
| | 35.39 | | 958.16 | | 1,878.37 |
| | 18.71 | | 275.28 | | 761.79 |
| 102.70 | | 2,016.12 | | 4,686.22 | |
| 2.52 | | | 65.12 | 0.38 | |
| | 86.21 | | 1,639.35 | | 3,880.70 |
| | 24.57 | 431.88 | | | 206.97 |
| 3,866.70 | 1,682.76 | 18,935.31 | 16,042.71 | 117,821.48 | 58,051.75 |
| 2,410.00 | 112.74 | 241,382.83 | 51.52 | 246,095.11 | 50.69 |
| 6,276.70 | 1,795.50 | 260,318.14 | 16,094.23 | 363,916.59 | 58,102.42 |

EASTERN ONTARIO SYSTEM *E.O.—SINKING FUND*

**Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder as part of the cost of power delivered thereto, together with its proportionate share of other Sinking Funds, provided out of other revenues of the system, and interest allowed thereon to October 31, 1935**

| Municipality | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Alexandria | 11 years | 21,054.12 |
| Apple Hill | 11 " | 2,102.39 |
| Athens | 7 " | 3,372.84 |
| Bath | 4 " | 896.72 |
| Belleville | 7 " | 88,179.28 |
| Bloomfield | 7 " | 3,481.50 |
| Bowmanville | 4 " | 23,425.28 |
| Brighton | 6 " | 5,852.69 |
| Brockville | 15 " | 110,118.03 |
| Cardinal | 6 " | 2,331.77 |
| Carleton Place | 11 " | 49,717.81 |
| Chesterville | 16 " | 19,637.58 |
| Cobourg | 4 " | 17,572.59 |
| Colborne | 3 " | 1,202.92 |
| Deseronto | 5 " | 3,295.20 |
| Finch | 8 " | 2,424.71 |
| Hastings | 5 " | 1,555.89 |
| Havelock | 7 " | 7,379.72 |
| Kemptville | 11 " | 12,664.99 |
| Lakefield | 7 " | 6,869.58 |
| Lanark | 11 " | 3,917.12 |
| Lancaster | 11 " | 4,135.33 |
| Lindsay | 7 " | 50,053.74 |
| Madoc | 6 " | 3,792.39 |
| Marmora | 7 " | 3,043.45 |
| Martintown | 11 " | 1,320.10 |
| Maxville | 11 " | 6,218.96 |
| Napanee | 6 " | 21,610.94 |
| Norwood | 7 " | 3,591.92 |
| Oshawa | 7 " | 269,708.94 |
| Ottawa | 20 " | 82,402.10 |
| Perth | 11 " | 43,159.70 |
| Peterborough | 7 " | 164,175.37 |
| Picton | 7 " | 29,121.42 |
| Port Hope | 6 " | 27,185.89 |
| Prescott | 16 " | 31,304.28 |
| Richmond | 8 " | 1,413.72 |
| Russell | 10 " | 3,581.14 |
| Smiths Falls | 12 " | 64,321.31 |
| Stirling | 6 " | 4,560.18 |
| Trenton | 4 " | 31,685.86 |
| Tweed | 5 " | 4,201.66 |
| Warkworth | 7 " | 2,114.15 |
| Wellington | 7 " | 5,563.38 |
| Westport | 4 " | 1,911.10 |
| Whitby | 7 " | 28,308.61 |

| Municipality | Period of years ending Oct. 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Williamsburg | 15 years | 3,584.23 |
| Winchester | 16 " | 13,105.53 |
| Total—Municipalities | | 1,292,228.13 |
| RURAL POWER DISTRICTS | | |
| Alexandria R.P.D. | 6 " | 1,812.32 |
| Arnprior R.P.D. | 5 " | 332.41 |
| Belleville R.P.D. | 7 " | 11,545.98 |
| Bowmanville R.P.D. | 7 " | 3,340.69 |
| Brighton R.P.D. | 6 " | 865.05 |
| Brockville R.P.D. | 14 " | 15,557.48 |
| Campbellford R.P.D. | 7 " | 2,864.92 |
| Carleton Place R.P.D. | 4 " | 18.68 |
| Chesterville R.P.D. | 14 " | 9,914.63 |
| Cobourg R.P.D. | 7 " | 12,376.14 |
| Colborne R.P.D. | 7 " | 3,953.57 |
| Fenelon Falls R.P.D. | 5 " | 1,881.90 |
| Iroquois R.P.D. | 6 " | 10,464.83 |
| Kemptville R.P.D. | 5 " | 668.38 |
| Kingston R.P.D. | 7 " | 13,566.52 |
| Lakefield R.P.D. | 7 " | 1,592.54 |
| Lindsay R.P.D. | 6 " | 1,033.20 |
| Martintown R.P.D. | 14 " | 5,399.27 |
| Maxville R.P.D. | 8 " | 8,674.85 |
| Millbrook R.P.D. | 6 " | 1,720.57 |
| Napanee R.P.D. | 7 " | 9,700.34 |
| Nepean R.P.D. | 14 " | 20,657.09 |
| Newcastle R.P.D. | 7 " | 2,874.17 |
| Norwood R.P.D. | 7 " | 1,330.98 |
| Omemee R.P.D. | 5 " | 208.17 |
| Oshawa R.P.D. | 7 " | 26,754.57 |
| Perth R.P.D. | 5 " | 1,090.02 |
| Peterborough R.P.D. | 7 " | 18,443.90 |
| Prescott R.P.D. | 14 " | 7,991.81 |
| Renfrew R.P.D. | 5 " | 240.23 |
| Smiths Falls R.P.D. | 7 " | 7,388.91 |
| Stirling R.P.D. | 6 " | 2,377.61 |
| Trenton | 7 " | 4,608.32 |
| Warkworth R.P.D. | 7 " | 138.71 |
| Wellington R.P.D. | 7 " | 9,060.01 |
| Williamsburg R.P.D. | 11 " | 1,727.50 |
| Total—Rural power districts | | 222,176.27 |
| Total—Municipalities | | 1,292,228.13 |
| Grand total | | 1,514,404.40 |

Note—For townships included in rural power districts see "Cost of Power" statement preceding.

## THUNDER BAY

**Statement showing the amount to be paid by each Municipality as the Cost—under received by the Commission from each Municipality on account of such cost; pality upon ascertainment (by annual adjustment) of the actual cost**

| Municipality | Interim rates per horsepower collected by Commission during year | | Share of capital cost of system on which interest and fixed charges are payable | Average horsepower supplied in year after correction for power factor | Share of operating | |
|---|---|---|---|---|---|---|
| | To Jan. 1. 1935 | To Oct. 31, 1935 | | | Operating, maintenance and administrative expenses | Interest |
| | | | $ c. | | $ c. | $ c. |
| Fort William | $21.00 plus transformation charges | | 3,246,205.19 | 10,289.5 | 40,069.29 | 155,689.84 |
| Port Arthur | $21.00 plus transformation charges | | 10,203,586.94 | 32,967.0 | 121,544.42 | 489,017.88 |
| Township of Nipigon | $30.00 | $30.00 | 28,521.87 | 100.3 | 1,024.39 | 1,370.74 |
| RURAL POWER DISTRICTS | | | | | | |
| **Fort William R.P.D.**—Neebing, Oliver and Paipoonge twps. | | | 32,593.14 | 95.2 | 563.89 | 1,570.80 |
| **Port Arthur R.P.D.**—Shuniah twps. | | | 16,438.34 | 44.9 | 623.94 | 791.84 |
| Totals—Municipalities | | | 13,478,314.00 | 43,356.8 | 162,638.10 | 646,078.46 |
| Totals—Rural power districts | | | 49,031.48 | 140.1 | 1,187.83 | 2,362.64 |
| Totals—Companies | | | 5,081,409.67 | 16,745.5 | 58,525.62 | 245,683.71 |
| | | | 18,608,755.15 | | | |
| Non-operating capital | | | 750.71 | | | |
| Grand totals | | | 18,609,505.86 | 60,242.4 | 222,351.55 | 894,124.81 |

## THUNDER BAY SYSTEM—

**Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts or charged to (by annual adjustment) of the actual costs**

| Districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power delivered to districts as shown in "cost of power" table preceding | Cost of operation maintenance and administration |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| **Fort William R.P.D.** — Neebing, Oliver and Paipoonge twps. | 70,301.50 | 35,150.75 | 35,150.75 | 2,536.15 | 1,817.85 |
| **Port Arthur R.P.D.**— Shuniah twp. | 50,451.04 | 25,225.52 | 25,225.52 | 1,632.37 | 1,671.46 |
| Totals | 120,752.54 | 60,376.27 | 60,376.27 | 4,168.52 | 3,489.31 |

**SYSTEM** *T.B.—COST OF POWER*

**The Power Commission Act—of Power supplied to it by the Commission; the amount and the amount remaining to be credited or charged to each Munici-
of power supplied to it in the year ending October 31, 1935**

| costsandfixedcharges | | | | | | | |
|---|---|---|---|---|---|---|---|
| Renewals | Sinking Fund | Total | Revenue received in excess of cost of power sold to private companies | Total cost of power for year as provided to be paid under Power Commission Act | Amounts received from (or billed against) each municipality by the Commission | Amounts remaining to be credited or charged to each municipality upon ascertainment of the actual cost of power by annual adjustment | |
| | | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 28,387.15 | 24,233.36 | 248,379.64 | 16,288.29 | 232,091.35 | 232,012.48 | ........ | 78.87 |
| 87,995.47 | 75,567.69 | 774,125.46 | 52,186.80 | 721,938.66 | 725,584.07 | 3,645.41 | ........ |
| 233.42 | 203.35 | 2,831.90 | 158.77 | 2,673.13 | 3,008.69 | 335.56 | ........ |
| 301.01 | 251.15 | 2,686.85 | 150.70 | 2,536.15 | 2,536.15 | see | below |
| 157.98 | 129.69 | 1,703.45 | 71.08 | 1,632.37 | 1,632.37 | " | " |
| 116,616.04 | 100,004.40 | 1,025,337.00 | (68,633.86) | 956,703.14 | 960,605.24 | 3,980.97 | 78.87 |
| 458.99 | 380.84 | 4,390.30 | (221.78) | 4,168.52 | 4,168.52 | ........ | ........ |
| 41,067.46 | 47,723.44 | 393,000.23 | 68,855.64 | 461,855.87 | 461,855.87 | ........ | ........ |
| 158,142.49 | 148,108.68 | 1,422,727.53 | ........ | 1,422,727.53 | 1,426,629.63 | 3,980.97 | 78.87 |

**RURAL POWER DISTRICTS** *T.B.—RURAL OPERATING*

**District, the revenues collected from (or charged to) customers within each District, the Municipalities comprising certain other Districts upon ascertainment
in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | | | | |
|---|---|---|---|---|---|---|---|
| Interest | Renewals | Obsolescence and contingencies | Sinking fund | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts or charged to the municipalities comprising certain other districts | |
| | | | | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,680.90 | 1,385.08 | 692.54 | 364.62 | 8,477.14 | 9,140.23 | 663.09 | ........ |
| 1,208.28 | 995.64 | 497.82 | 262.10 | 6,267.67 | 4,472.73 | ........ | 1,794.94 |
| 2,889.18 | 2,380.72 | 1,190.36 | 626.72 | 14,744.81 | 13,612.96 | 663.09 | 1,794.94 |

THUNDER BAY

Statement showing the net Credit or Charge to each Municipality in respect of power made and interest added during the year. Also the net amount Credited ending October 31, 1935, and the accumulated amount standing

| Municipality | Date commenced operating | Net credit or charge at October 31, 1934 | | Cash receipts and payments on account of such credits and charges, made during the year | |
|---|---|---|---|---|---|
| | | Credit | Charge | Credited | Charged |
| | | $ c. | $ c. | $ c. | $ c. |
| Fort William | Oct. 1926 | | 21,069.44 | 21,069.44 | |
| Nipigon twp | Jan. 1925 | 188.41 | | | 188.41 |
| Port Arthur | Dec. 1910 | | 61,288.66 | 61,288.66 | |
| RURAL POWER DISTRICTS* | | | | | |
| **Fort William R.P.D.** | Oct. 1932 | | 192.50 | | |
| **Port Arthur R.P.D.** | Jan. 1932 | | 2,681.06 | | |
| Total | | 188.41 | 85,231.66 | 82,358.10 | 188.41 |

*For townships included in rural power districts see "Cost of Power" statement preceding.

THUNDER BAY SYSTEM *T.B.—SINKING FUND*

Statement showing Sinking Fund paid by each Municipality in the periods mentioned hereunder, as part of the cost of power delivered thereto, together with the proportionate share of other sinking funds provided out of other revenues of the system, and interest allowed thereon to October 31, 1935

| Municipality | Period of years ending October 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| Fort William | 9 years | 331,225.77 |
| Port Arthur | 9 " | 1,113,671.63 |
| Nipigon township | 9 " | 2,149.78 |
| Total—Municipalities | | 1,447,047.18 |
| RURAL POWER DISTRICTS | | |
| **Fort William R.P.D.** | 4 years | 2,058.34 |
| **Port Arthur R.P.D.** | 4 " | 1,245.25 |
| Total—Rural power districts | | 3,303.59 |
| Totals—Municipalities | | 1,447,047.18 |
| Totals—Rural power districts | | 3,303.59 |
| Totals | | 1,450,350.77 |

SYSTEM *T.B.—CREDIT OR CHARGE*

**supplied to it to October 31, 1934, the cash receipts and payments thereon, adjustments or Charged to each Municipality in respect of power supplied in the year as a Credit or Charge to each Municipality at October 31, 1935**

| Interest at 4% per annum added during the year | | Net amount credited or charged in respect of power supplied in the year ending October 31, 1935 | | Accumulated amount standing as a credit or charge on October 31, 1935 | |
|---|---|---|---|---|---|
| Credited | Charged | Credited | Charged | Credit | Charge |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 367.13 | | 78.87 | | 446.00 |
| 3.16 | | 335.56 | | 338.72 | |
| | 1,067.93 | 3,645.41 | | 2,577.48 | |
| | 7.70 | 663.09 | | 462.89 | |
| | 107.24 | | 1,794.94 | | 4,583.24 |
| 3.16 | 1,550.00 | 4,644.06 | 1,873.81 | 3,379.09 | 5,029.24 |

## MANITOULIN ISLAND

**Statement showing the costs of distribution of power within Rural Power District, amount remaining to be charged to the Municipalities comprising costs in the year ending**

| Districts and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power purchased | Cost of operation maintenance and administration |
|---|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | | |
| | $ c. | $ c. | $ c. | $ c. | $ c. |
| Manitoulin R.P.D.—Billings, Carnarvon, Gordon and Allan twps., Town of Gore Bay and Indian Reserve | 64,770.18 | 29,454.44 | 35,315.74 | 3,750.00 | 1,372.12 |

## MANITOULIN ISLAND

**Statement showing the net charge to Manitoulin Rural Power District in respect net amount charged this Rural Power District in respect of power supplied as a charge at**

| Rural power district | Date commenced operating | Net charge at October 31, 1934 | Adjustments made during the year |
|---|---|---|---|
| | | Charge | Credited |
| | | $ c. | $ c. |
| Manitoulin R.P.D.—Billings, Carnarvon, Gordon and Allan twps., Town of Gore Bay and Indian Reserve | Dec. 1932 | 2,947.45 | 81.88 |

RURAL POWER DISTRICT *MANITOULIN—RURAL OPERATING*

**the revenues collected from (or charged to) customers within the District, and the this District upon ascertainment (by annual adjustment) of the actual October 31, 1935**

| Distribution costs and fixed charges | | | | Total cost | Revenue from power and light customers in each district | Amount remaining to be charged to the municipalities comprising the district | |
|---|---|---|---|---|---|---|---|
| Interest | Renewal charges | Obsolescence and contingencies | Sinking fund | | | Credited | Charged |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,583.51 | 1,288.90 | 644.45 | 370.16 | 9,009.14 | 8,382.18 | ........... | 626.96 |

RURAL POWER DISTRICT *MANITOULIN—CREDIT OR CHARGE*

**of power supplied to it to October 31, 1934, interest added during the year; also the in the year ending October 31, 1935, and the accumulated amount standing October 31, 1935**

| Interest at 4% per annum added during the year | Net amount charged in respect of power supplied in the year ending October 31, 1935 | Accumulated amount standing as a charge on October 31, 1935 |
|---|---|---|
| Charged | Charged | Charge |
| $ c. | $ c. | $ c. |
| 114.62 | 626.96 | 3,607.15 |

## NIPISSING RURAL

Statement showing the costs of distribution of power within each Rural Power and the amounts remaining to be credited to certain Districts of the actual costs

| Rural power district and municipalities comprised therein | Total capital cost of each district, Provincial Government grant received and applied thereagainst, and the balance representing the investment by the Commission | | | Cost of power purchased from Nipissing District of Northern Ontario Properties |
|---|---|---|---|---|
| | Total capital cost | Government grant | Commission's investment | |
| | $ c. | $ c. | $ c. | $ c |
| North Bay R.P.D. | 48,470.57 | 23,863.42 | 24,607.15 | 4,898.18 |
| West Ferris and Widdifield twps. | | | | |
| Powassan R.P.D. | 5,383.12 | 2,691.56 | 2,691.56 | 121.87 |
| Himsworth S. twp. | | | | |
| Total capital | 53,853.69 | 26,554.98 | 27,298.71 | 5,020.05 |
| Non-operating capital | 13.37 | 6.68 | 6.69 | |
| Grand totals | 53,867.06 | 26,561.66 | 27,305.40 | |

## NIPISSING RURAL

Statement showing the net Credit to each Municipality in respect of power supplied Credited to each Municipality in respect of power supplied in the year to each Municipality

| Rural power district | Date commenced operating | Net credit at October 31, 1934 |
|---|---|---|
| | | Credit |
| | | $ c. |
| North Bay R.P.D. | June, 1927 | 9,997.61 |
| Powassan R.P.D. | Nov., 1931 | 178.35 |
| Totals | | 10,175.96 |

**POWER DISTRICTS** *NIPISSING RURAL—OPERATING*

**Distrcit, the revenues collected from (or charged to) customers within each district, upon ascertainment (by annual adjustment) in the year ending October 31, 1935**

| Distribution costs and fixed charges | | | | | Total cost | Revenue from power and light customers in each district | Amounts remaining to be credited to certain districts |
|---|---|---|---|---|---|---|---|
| Cost of operation, maintenance and administration | Interest | Renewals | Obsolescence and contingencies | Sinking fund | | | Credited |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,063.16 | 975.82 | 837.61 | 418.81 | 224.42 | 9,418.00 | 10,014.03 | 596.03 |
| 107.30 | 122.80 | 107.15 | 53.57 | 28.21 | 540.90 | 692.76 | 151.86 |
| 2,170.46 | 1,098.62 | 944.76 | 472.38 | 252.63 | 9,958.90 | 10,706.79 | 747.89 |

**POWER DISTRICTS** *NIPISSING RURAL—CREDIT OR CHARGE*

**to it to October 31, 1934, the interest added during the year; also the net amount ending October 31, 1935, and the accumulated amount standing as a Credit at October 31, 1935**

| Interest at 4% per annum added during the year | Net amount credited in respect of power supplied in the year ending October 31, 1935 | Accumulated amount standing as a credit on October 31, 1935 |
|---|---|---|
| Credited | Credited | Credit |
| $ c. | $ c. | $ c. |
| 399.90 | 596.03 | 10,993.54 |
| 7.13 | 151.86 | 337.34 |
| 407.03 | 747.89 | 11,330.88 |

## NIPISSING RURAL POWER DISTRICTS *SINKING FUND*

**Statement showing Sinking Fund paid by each Rural Power District in the periods mentioned hereunder, as part of the cost of power delivered thereto and interest allowed thereon to October 31, 1935**

| Rural power district | Period of years ending October 31, 1935 | Amount |
|---|---|---|
| | | $ c. |
| North Bay R.P.D.—West Ferris and Widdifield twps. | 6 years | 1,116.23 |
| Powassan R.P.D.—Himsworth S. twp. | 4 " | 108.96 |
| Total | | 1,225.19 |

## NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

# FINANCIAL ACCOUNTS

For the Year ended October 31, 1935

Relating to Power Properties which are held and operated by the Commission in trust for the Province of Ontario, and which are situated in the following Northern Districts:

Nipissing
Sudbury
Abitibi
Espanola
Patricia
St. Joseph

## STATEMENTS

Balance Sheet as at October 31, 1935

Operating and Income Accounts for the Year ended October 31, 1935

Schedules supporting the Balance Sheet as at October 31, 1935

- Fixed Assets—By Districts
- Renewals Reserves
- Obsolescence and Contingencies Reserves

## NORTHERN ONTARIO

(Operated by The Hydro-Electric

Balance Sheet as at

### ASSETS

| | | | |
|---|---|---|---|
| INVESTMENTS: | | | |
| Fixed Assets in Service: | | | |
| Nipissing District | $ 1,674,837.85 | | |
| Sudbury District | 2,727,749.34 | | |
| Abitibi District | 25,025,780.34 | | |
| Espanola District | 22,812.40 | | |
| Patricia District | 489,676.89 | | |
| St. Joseph District | 395,718.19 | | |
| | | $30,336,575.01 | |
| Fixed Assets under Construction | | 403,129.69 | |
| | | | $30,739,704.70 |
| CURRENT AND ACCRUED ASSETS: | | | |
| Special deposits for matured interest unpaid | | $ 24,504.36 | |
| Sundry accounts receivable | | 12,412.70 | |
| Power accounts receivable | | 153,657.48 | |
| Interest receivable | | 9,288.54 | |
| Province of Ontario—1934-35 deficit contribution | | 388,054.57 | |
| Hydro-Electric Power Commission of Ontario | | 138,445.60 | |
| Consumers' and contractors' deposits: | | | |
| Securities—Bonds at par value | $ 348,500.00 | | |
| Securities—Stocks at market value | 152,649.55 | | |
| | | 501,149.55 | |
| | | | 1,227,512.80 |
| DEFERRED DEBITS: | | | |
| Maintenance materials and supplies | | $ 35,939.35 | |
| Construction tools and equipment | | 41,662.49 | |
| Prepayments | | 43,845.03 | |
| | | | 121,446.87 |
| SPECIAL FUNDS: | | | |
| Reserve Funds: | | | |
| Investments | $ 830,545.01 | | |
| *Amount receivable from current assets—per contra | 309,811.35 | | |
| | | $ 1,140,356.36 | |
| Sinking Funds: | | | |
| *Amount receivable from current assets—per contra | | 335,264.83 | |
| | | | 1,475,621.19 |
| | | | $33,564,285.56 |

Approved by:—

A. MURRAY MCCRIMMON - - - Controller.

T. S. LYON - Chairman of the Commission.

A. W. ROEBUCK - - - - - Commissioner.

T. B. MCQUESTEN- - - - - Commissioner.

## PROPERTIES

**Power Commission of Ontario)**

**October 31, 1935**

### LIABILITIES, RESERVES AND EQUITY

| | | | |
|---|---|---|---|
| Long-Term Liabilities: | | | |
| Funded Debt: | | | |
| 3½/4/5% H-E.P.C. Debentures due October 1, 1952—Issued in 1932 in exchange for Bonds of Ontario Power Service Corporation Limited | | $17,626,950.00 | |
| Purchase Agreement—Espanola Transmission Line—McMillan Gold Mines Limited | | 11,168.02 | $17,638,118.02 |
| Current and Accrued Liabilities: | | | |
| Bank of Montreal—demand loan | | $ 4,500,000.00 | |
| Accounts payable | | 112,027.29 | |
| Unpaid claims—Abitibi Canyon Properties | | 382,838.14 | |
| Matured debenture interest unpaid | | 24,504.36 | |
| Debenture interest accrued | | 51,411.94 | |
| Liability for consumers' and contractors' deposits | | 532,991.48 | |
| | | $ 5,603,773.21 | |
| *Liability to special funds—per contras | | 645,076.18 | 6,248,849.39 |
| Deferred Credits: | | | |
| Miscellaneous deferred credits | | | 2,843.20 |
| Reserves: | | | |
| Renewals reserves | | $ 854,322.53 | |
| Obsolescence and contingencies reserves | | 286,033.83 | 1,140,356.36 |
| Equity of the Province of Ontario: | | | |
| Advances from the Province of Ontario for: | | | |
| Capital expenditures | $ 8,198,853.76 | | |
| Operating deficits and sinking fund appropriations | 841,711.18 | $ 9,040,564.94 | |
| Deficit Account: | | | |
| Balance at November 1, 1934 | $ 453,656.61 | | |
| Net loss for the year ended October 31, 1935 | 52,789.74 | | |
| Sinking fund appropriations for the year ended October 31, 1935 | 335,264.83 | | |
| Balance at October 31, 1935 | | 841,711.18 | |
| | | $ 8,198,853.76 | |
| Sinking fund reserves | | 335,264.83 | 8,534,118.59 |
| | | | $33,564,285.56 |

**Auditors' Certificate**

We have examined the Accounts of the Northern Ontario Properties for the year ended the 31st October, 1935, and report that, in conjunction with our Annual Report to the Lieutenant-Governor in Council, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the affairs of Northern Ontario Properties at the 31st October, 1935, according to the best of our information and the explanations given to us and as shown by the books of the Properties. We have obtained all the information and explanations we have required.

Oscar Hudson and Co.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
30th March, 1936

## NORTHERN ONTARIO

**(Operated by The Hydro-Electric**

**Operating and Income Accounts**

| | Nipissing District | Sudbury District |
|---|---|---|
| | $ c. | $ c. |
| OPERATING REVENUES: | | |
| Power sold to private companies and customers | 241,693.02 | 360,196.80 |
| Power supplied to rural power districts | 5,020.05 | ........................ |
| Total operating revenues | 246,713.07 | 360,196.80 |
| OPERATING EXPENSES | | |
| Power purchased | ........................ | ........................ |
| Operation, maintenance and administration expenses | 88,209.42 | 73,900.61 |
| Renewals provision for the year: | | |
| Principal amount | 21,670.65 | 27,582.60 |
| Interest at 4% on reserves' balances | 10,447.84 | 4,543.58 |
| Total provision | 32,118.49 | 32,126.18 |
| Obsolescence and contingencies provision for the year: | | |
| Principal amount | 8,561.30 | 18,388.40 |
| Interest at 4% on reserves' balances | 5,658.68 | 4,083.15 |
| Total provision | 14,219.98 | 22,471.55 |
| Total operating expenses | 134,547.89 | 128,498.34 |
| NET OPERATING INCOME | 112,165.18 | 231,698.46 |
| NON-OPERATING INCOME | | |
| Income from reserve fund investments | 13,591.56 | 7,279.52 |
| Interest during construction | 6.81 | 48.44 |
| Commission's interest adjustment | 6,351.02 | 3,336.39 |
| Total non-operating income | 19,949.39 | 10,664.35 |
| GROSS INCOME | 132,114.57 | 242,362.81 |
| DEDUCTIONS FROM GROSS INCOME: | | |
| Interest on long-term debt: | | |
| Debentures in the hands of the public | ........................ | ........................ |
| Ontario Government advances | 80,578.40 | 129,027.28 |
| Miscellaneous interest deductions | 249.10 | 398.74 |
| Total deductions from gross income | 80,827.50 | 129,426.02 |
| NET INCOME (*or Loss*) | 51,287.07 | 112,936.79 |
| DISPOSITION OF NET INCOME: | | |
| Sinking fund appropriation: | | |
| Principal amount | 17,633.87 | 28,723.20 |
| Total appropriation | 17,633.87 | 28,723.20 |
| DEFICIENCY (*or Surplus*) AFTER SINKING FUND APPROPRIATION | *33,653.20* | *84,213.59* |

**PROPERTIES**

**Power Commission of Ontario)**

**for the Year Ended October 31, 1935**

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 935,790.53 | 16,771.18 | 85,378.26 | 39,526.22 | 1,679,356.01 |
| ........ | ........ | ........ | ........ | 5,020.05 |
| 935,790.53 | 16,771.18 | 85,378.26 | 39,526.22 | 1,684,376.06 |
| 1,183.36 | 10,906.47 | ........ | ........ | 12,089.83 |
| 214,405.24 | 1,992.48 | 24,905.58 | 16,132.68 | 419,546.01 |
| 166,268.93 | 374.69 | ........ | ........ | 215,896.87 |
| 8,123.79 | 4.00 | 1,488.24 | ........ | 24,607.45 |
| 174,392.72 | 378.69 | 1,488.24 | ........ | 240,504.32 |
| ........ | 249.80 | ........ | ........ | 27,199.50 |
| ........ | ........ | 395.06 | ........ | 10,136.89 |
| ........ | 249.80 | 395.06 | ........ | 37,336.39 |
| 389,981.32 | 13,527.44 | 26,788.88 | 16,132.68 | 709,476.55 |
| 545,809.21 | 3,243.74 | 58,589.38 | 23,393.54 | 974,899.51 |
| 6,854.42 | 2.93 | 1,589.00 | ........ | 29,317.43 |
| 1,421.78 | 3.01 | 73.42 | 3,643.28 | 5,196.74 |
| *75,164.00* | *197.60* | 560.60 | *6,657.37* | *71,770.96* |
| *66,887.80* | *191.66* | 2,223.02 | *3,014.09* | *37,256.79* |
| 478,921.41 | 3,052.08 | 60,812.40 | 20,379.45 | 937,642.72 |
| 617,647.53 | ........ | ........ | ........ | 617,647.53 |
| 131,609.63 | 64.18 | 23,874.04 | 4,734.88 | 369,888.41 |
| 1,169.69 | 990.62 | 73.74 | 14.63 | 2,896.52 |
| 750,426.85 | 1,054.80 | 23,947.78 | 4,749.51 | 990,432.46 |
| *271,505.44* | 1,997.28 | 36,864.62 | 15,629.94 | *52,789.74* |
| 243,590.80 | 263.03 | 25,377.50 | 19,676.43 | 335,264.83 |
| 243,590.80 | 263.03 | 25,377.50 | 19,676.43 | 335,264.83 |
| 515,096.24 | *1,734.25* | *11,487.12* | 4,046.49 | 388,054.57 |

## NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

Fixed Assets at October 31, 1935

| DISTRICT | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | | Physical property | | |
| | | | Water rights and intangible items | Non-depreciable | Depreciable | Total |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| NIPISSING | | | | | | |
| Power Plants | | | | | | |
| South River: | | | | | | |
| Nipissing | 5.79 | 5.79 | | 11,099.60 | 238,726.18 | 249,825.78 |
| Bingham's Chute | 465.90 | 105.00 | | 12,098.60 | 227,237.88 | 239,336.48 |
| Elliot Chute | 8.12 | | | 120,057.09 | 335,124.99 | 455,182.08 |
| Storage dams | | | | | 81,871.21 | 81,871.21 |
| Miscellaneous | | | | | 6,390.46 | 6,390.46 |
| Intangible | | | 69,478.34 | | | 69,478.34 |
| | 479.81 | 110.79 | 69,478.34 | 143,255.29 | 889,350.72 | 1,102,084.35 |
| Transformer Stations | 345.23 | | | | 16,803.09 | 16,803.09 |
| Transmission Lines | 337.87 | | | | 173,524.75 | 173,524.75 |
| Local Systems | 4,319.98 | | 22,649.50 | | 359,776.16 | 382,425.66 |
| | 5,482.89 | 110.79 | 92,127.84 | 143,255.29 | 1,439,454.72 | 1,674,837.85 |
| SUDBURY | | | | | | |
| Power Plants | | | | | | |
| Wanapitei River: | | | | | | |
| Coniston | 15.39 | 15.39 | | 13,200.00 | 507,792.13 | 520,992.13 |
| McVittie | 1,543.88 | 1,503.91 | | 13,200.00 | 289,957.75 | 303,157.75 |
| Stinson | | | | 33,000.00 | 624,381.66 | 657,381.66 |
| Storage dam | | | | | 194,870.00 | 194,870.00 |
| Intangible | | | 830,614.53 | | | 830,614.53 |
| | 1,559.27 | 1,519.30 | 830,614.53 | 59,400.00 | 1,617,001.54 | 2,507,016.07 |
| Transformer Stations | 1,996.05 | | | | 47,433.11 | 47,433.11 |
| Transmission Lines | 37,723.61 | 3,438.60 | | | 173,300.16 | 173,300.16 |
| Local Systems | *6,630.43* | | | | | |
| | 34,648.50 | 4,957.90 | 830,614.53 | 59,400.00 | 1,837,734.81 | 2,727,749.34 |
| ABITIBI | | | | | | |
| Power Plants | | | | | | |
| Abitibi River: | | | | | | |
| Abitibi Canyon | 4,873,318.81 | 190,814.28 | | 5,690,252.10 | 15,914,501.91 | 21,604,754.01* |
| Transformer Stations | 173,922.92 | 59,289.20 | | | 616,486.14 | 616,486.14 |
| Transmission Lines | 223,144.90 | 128,913.34 | | 354,425.02 | 2,438,574.69 | 2,792,999.71 |
| Local Systems | 12,553.65 | 1,013.17 | | | 11,540.48 | 11,540.48 |
| | 5,282,940.28 | 380,029.99 | | 6,044,677.12 | 18,981,103.22 | 25,025,780.34 |

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*Includes $2,367,955.77 for transmission lines acquired in the purchase of the properties of Ontario Power Service Corporation Ltd.

## NORTHERN ONTARIO PROPERTIES

(Operated by The Hydro-Electric Power Commission of Ontario)

Fixed Assets at October 31, 1935

| District | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| **Espanola** | | | | | | |
| Transformer Stations | 2,382.77 | | | | 2,382.77 | 2,382.77 |
| Transmission Lines.... | 429.63 | | | | 20,429.63 | 20,429.63 |
| | 2,812.40 | | | | 22,812.40 | 22,812.40 |
| **Patricia** | | | | | | |
| Power Plants | | | | | | |
| English River: | | | | | | |
| Ear Falls | 2,151.34 | 2,037.11 | | | 486,624.00 | 486,624.00 |
| Transformer Stations | 3,052.89 | | | | 3,052.89 | 3,052.89 |
| | 5,204.23 | 2,037.11 | | | 489,676.89 | 489,676.89 |
| **St. Joseph** | | | | | | |
| Power Plants | | | | | | |
| Albany River: | | | | | | |
| Rat Rapids | 206,957.94 | 15,993.90 | | | 362,257.48 | 362,257.48 |
| Donations in aid of construction.. | | | | | *80,000.00* | *80,000.00* |
| | 206,957.94 | 15,993.90 | | | 282,257.48 | 282,257.48 |
| Transformer Stations | 2,374.07 | | | | 2,374.07 | 2,374.07 |
| Transmission Lines.... | 60,109.48 | | | | 111,086.64 | 111,086.64 |
| | 269,441.49 | 15,993.90 | | | 395,718.19 | 395,718.19 |

## SUMMARY

| District | Net capital expenditures for the year | Fixed Assets under Construction | Fixed Assets in Service | | | |
|---|---|---|---|---|---|---|
| | | | Water rights and intangible items | Physical property | | Total |
| | | | | Non-depreciable | Depreciable | |
| Nipissing District | 5,482.89 | 110.79 | 92,127.84 | 143,255.29 | 1,439,454.72 | 1,674,837.85 |
| Sudbury District | 34,648.50 | 4,957.90 | 830,614.53 | 59,400.00 | 1,837,734.81 | 2,727,749.34 |
| Abitibi District | 5,282,940.28 | 380,029.99 | | 6,044,677.12 | 18,981,103.22 | 25,025,780.34 |
| Espanola District | 2,812.40 | | | | 22,812.40 | 22,812.40 |
| Patricia District | 5,204.23 | 2,037.11 | | | 489,676.89 | 489,676.89 |
| St. Joseph District | 269,441.49 | 15,993.90 | | | 395,718.19 | 395,718.19 |
| | 5,600,529.79 | 403,129.69 | 922,742.37 | 6,247,332.41 | 23,166,500.23 | 30,336,575.01 |

## NORTHERN ONTARIO

## (Operated by The Hydro-Electric

### Renewals Reserves—

| | Nipissing District | Sudbury District |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1934 | 261,196.12 | 113,589.60 |
| Renewals provision for the year: | | |
| Principal—as per income statement | 21,670.65 | 27,582.60 |
| Interest at 4% on reserves' balances | 10,447.84 | 4,543.58 |
| Total provision | 32,118.49 | 32,126.18 |
| Sub-total | 293,314.61 | 145,715.78 |
| Expenditures for the year | 781.55 | 441.76 |
| Balances at October 31, 1935 | 292,533.06 | 145,274.02 |

### Obsolescence and Contingencies

| | Nipissing District | Sudbury District |
|---|---|---|
| | $ c. | $ c. |
| Balances at November 1, 1934 | 141,467.08 | 102,078.76 |
| Obsolescence and contingencies—provisions for the year: | | |
| Principal—as per income statement | 8,561.30 | 18,388.40 |
| Interest at 4% on reserves' balances | 5,658.68 | 4,083.15 |
| Total provision | 14,219.98 | 22,471.55 |
| Sub-total | 155,687.06 | 124,550.31 |
| Contingencies met with during the year | 1,936.89 | 1,912.68 |
| Balances at October 31, 1935 | 153,750.17 | 122,637.63 |

**PROPERTIES**

**Power Commission of Ontario)**

**October 31, 1935**

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 203,094.83 | 100.00 | 37,205.94 | .................... | 615,186.49 |
| 166,268.93 | 374.69 | .................... | .................... | 215,896.87 |
| 8,123.79 | 4.00 | 1,488.24 | .................... | 24,607.45 |
| 174,392.72 | 378.69 | 1,488.24 | .................... | 240,504.32 |
| 377,487.55 | 478.69 | 38,694.18 | .................... | 855,690.81 |
| 6.50 | .................... | 138.47 | .................... | 1,368.28 |
| 377,481.05 | 478.69 | 38,555.71 | .................... | 854,322.53 |

**Reserves—October 31, 1935**

| Abitibi District | Espanola District | Patricia District | St. Joseph District | Total for Northern Ontario Properties |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| .................... | .................... | 9,876.55 | .................... | 253,422.39 |
| .................... | 249.80 | .................... | .................... | 27,199.50 |
| .................... | .................... | 395.06 | .................... | 10,136.89 |
| .................... | 249.80 | 395.06 | .................... | 37,336.39 |
| .................... | 249.80 | 10,271.61 | .................... | 290,758.78 |
| .................... | .................... | 875.38 | .................... | 4,724.95 |
| .................... | 249.80 | 9,396.23 | .................... | 286,033.83 |

# THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—
Niagara System)

## FINANCIAL ACCOUNTS

For the Year ended October 31, 1935

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Balance Sheet as at October 31, 1935

Income Account for the Year ended October 31, 1935

## THE HAMILTON STREET

(A Subsidiary of the Hydro-Electric Power

Balance Sheet as at

### ASSETS

| | | |
|---|---|---|
| INVESTMENTS: | | |
| Properties, road and equipment, buses, franchises, etc. | $4,843,006.19 | |
| *Less*—Surplus created by advances from The Dominion Power and Transmission Company, Limited prior to acquisition by The Hydro-Electric Power Commission of Ontario at December 31, 1929 | 488,846.85 | |
| | | $4,354,159.34 |
| CURRENT AND ACCRUED ASSETS: | | |
| Cash | $ 5,643.00 | |
| Cash in transit to Toronto | 23,054.66 | |
| Accounts receivable | 4,530.01 | |
| | | 33,227.67 |
| DEFERRED DEBITS: | | |
| Material and supplies | $ 44,648.89 | |
| Conductors' and employees' advances | 12,170.00 | |
| Prepayments | 5,898.03 | |
| | | 62,716.92 |
| | | $4,450,103.93 |

Approved by:—

T. S. LYON - - - - - - - - - - President.

T. B. McQUESTEN - - - - - - - Director.

## RAILWAY COMPANY

**Commission of Ontario—Niagara System)**

**October 31, 1935**

### LIABILITIES, RESERVES AND CAPITAL

| | | |
|---|---|---|
| CAPITAL STOCK: | | |
| Authorized: 80,000 shares of a par value of $50.00 each | $4,000,000.00 | |
| Issued: 64,100 shares of a par value of $50.00 each | | $3,205,000.00 |
| ADVANCES FROM THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO: | | |
| Advances for working funds | | 262,363.43 |
| CURRENT AND ACCRUED LIABILITIES: | | |
| Accounts payable | $ 11,437.17 | |
| Accrued charges | 163.40 | |
| Other current liabilities | 55,261.49 | |
| | | 66,862.06 |
| RESERVES: | | |
| Reserve for depreciation—road and equipment | $ 866,819.82 | |
| Insurance reserves | 15,537.59 | |
| Operating reserves | 26,312.25 | |
| | | 908,669.66 |
| CORPORATE SURPLUS: | | |
| Balance October 31, 1934 | $ 13,893.86 | |
| Balance transferred from income account | NIL | |
| Miscellaneous debits—net | 6,685.08 | |
| | | 7,208.78 |
| | | $4,450,103.93 |

### Auditors' Certificate

We have examined the Books and Accounts of The Hamilton Street Railway Company for the year ended the 31st October, 1935 and report that, subject to the comments contained in our Annual Report on the Accounts of The Hydro-Electric Power Commission of Ontario, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Company's affairs at the 31st October, 1935, according to the best of our information and the explanations given to us and as shown by the books of the Company. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.,
Chartered Accountants,
Auditors.

Dated at Toronto, Ontario,
30th March, 1936.

## THE HAMILTON STREET RAILWAY COMPANY

(A Subsidiary of The Hydro-Electric Power Commission of Ontario—Niagara System)

### Operating and Income Account for the Year Ended October 31, 1935

| | Tramways | Buses | Total |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Operating Revenues: | | | |
| Revenue from transportation | 721,395.33 | 191,972.85 | 913,368.18 |
| Revenue from other operations | 6,455.57 | 578.78 | 7,034.35 |
| Operating revenues | 727,850.90 | 192,551.63 | 920,402.53 |
| Operating Expenses: | | | |
| Maintenance of way and structures | 46,621.66 | | 46,621.66 |
| Maintenance of equipment | 63,348.31 | 48,387.31 | 111,735.62 |
| Power purchased | 148,474.18 | | 148,474.18 |
| Transportation expenses | 244,933.21 | 108,719.60 | 353,652.81 |
| Traffic expenses | 10.00 | | 10.00 |
| General and miscellaneous expenses | 70,887.68 | 10,005.37 | 80,893.05 |
| Depreciation provision | 2,822.13 | 5,850.00 | 8,672.13 |
| Operating expenses | 577,097.17 | 172,962.28 | 750,059.45 |
| Net Operating Revenues | 150,753.73 | 19,589.35 | 170,343.08 |
| Taxes | 29,248.76 | 3,464.66 | 32,713.42 |
| Net Operating Income | 121,504.97 | 16,124.69 | 137,629.66 |
| Interest on advances from Niagara System | | | 10,292.27 |
| Net Income—before full provision for depreciation | | | 127,337.39 |
| Disposition of Net Income: | | | |
| Dividend appropriations of income | | | 127,337.39 |
| Balance Transferred to Corporate Surplus | | | NIL |

NOTE—Interest on Commission's advances to, and investment in capital stock of The Hamilton Street Railway Company—

| | |
|---|---|
| Interest on advances | 10,292.27 |
| Interest on investment in capital stock—dividend | 127,337.39 |
| | 137,629.66 |

## GUELPH RADIAL RAILWAY

(Operated by The Hydro-Electric Power Commission of Ontario)

# FINANCIAL ACCOUNTS

For the Year ended October 31, 1935

Balance Sheet as at October 31, 1935

Operating and Income Accounts for the Year ended October 31, 1935

## GUELPH RADIAL

**Operated by The Hydro-Electric**

**Balance Sheet as at**

### ASSETS

| | | | |
|---|---|---|---|
| Investments: | | | |
| Road and equipment | | | $441,193.53 |
| Current and Accrued Assets: | | | |
| Cash | | $ 11,104.92 | |
| Miscellaneous accounts receivable | | 1,780.54 | |
| Interest receivable | | 1,031.25 | |
| Due from the City of Guelph: | | | |
| Operating deficit for year ended October 31, 1935 | $ 36,263.39 | | |
| *Less*—Amount due to the City of Guelph as per purchase agreement | 11,700.00 | | |
| | $ 24,563.39 | | |
| *Less*—Overpayment on deficit for the year ended October 31, 1934 | 392.61 | 24,170.78 | |
| | | | 38,087.49 |
| Deferred Debits: | | | |
| Materials and supplies | | $ 6,627.76 | |
| Employee's working funds | | 900.00 | |
| Prepayments | | 506.37 | |
| | | | 8,034.13 |
| Special Funds: | | | |
| Reserve fund investments | | | 47,463.31 |
| | | | $534,778.46 |

Approved by:—

A. Murray McCrimmon - - - Controller.

T. S. Lyon - - Chairman of the Commission.

## RAILWAY

**Power Commission of Ontario)**

**October 31, 1935**

### LIABILITIES, RESERVES AND EQUITY

| | | |
|---|---|---|
| LONG-TERM DEBT: | | |
| 5% Hydro-Radial debentures due November 1, 1970 (Issued for extensions and betterments, secured by $300,000.00 5% City of Guelph debentures due May 1, 1971.) | | $ 300,000.00 |
| CURRENT AND ACCRUED LIABILITIES: | | |
| Accounts payable | $ 8,677.03 | |
| Matured interest unpaid | 7,500.00 | |
| | | 16,177.03 |
| DEFERRED CREDITS: | | |
| Premium on funded debt | | 20,767.65 |
| RESERVES: | | |
| Reserve for depreciation—road and equipment | $ 29,896.09 | |
| Operating reserves | 2,675.32 | |
| | | 32,571.41 |
| EQUITY OF THE CITY OF GUELPH: | | |
| Purchase price of the railway as per purchase agreement of December 8, 1920 | $150,000.00 | |
| *Less*—Twenty-nine instalments thereon | 99,714.65 | |
| | $ 50,285.35 | |
| Reserve—Created by payment of instalments on the purchase price out of the revenue of the road and assessments against the City of Guelph | 99,714.65 | |
| Sinking fund reserve | 15,262.37 | |
| | | 165,262.37 |
| | | $ 534,778.46 |

**Auditors' Certificate**

We have examined the Books and Accounts of the Guelph Radial Railway for the year ended the 31st October, 1935, and report that, subject to the adequacy of the Reserve for Depreciation, in our opinion the above Balance Sheet is properly drawn up so as to exhibit a true and correct view of the state of the Railway's affairs at the 31st October, 1935, according to the best of our information and the explanations given to us and as shown by the books of the Railway. We have obtained all the information and explanations we have required.

OSCAR HUDSON AND CO.
Chartered Accountants
Auditors

Dated at Toronto, Ontario,
30th March, 1936

## GUELPH RADIAL RAILWAY

(Operated by The Hydro-Electric Power Commission of Ontario)

Operating and Income Accounts for the Year Ended October 31, 1935

### Operating Account

| | Tramways | Buses | Total |
|---|---|---|---|
| | $ c. | $ c. | $ c. |
| Operating Revenues: | | | |
| Revenue from transportation | 46,235.08 | 15,880.27 | 62,115.35 |
| Revenue from other operations | 467.73 | 38.21 | 505.94 |
| Operating revenues | 46,702.81 | 15,918.48 | 62,621.29 |
| Operating Expenses: | | | |
| Maintenance of way and structures | 4,843.56 | .................... | 4,843.56 |
| Maintenance of equipment | 10,606.34 | 1,991.81 | 12,598.15 |
| Power purchased | 10,783.90 | .................... | 10,783.90 |
| Transportation expenses | 17,063.50 | 10,938.49 | 28,001.99 |
| Traffic expenses | 15.00 | .................... | 15.00 |
| General and miscellaneous expenses | 7,365.36 | 3,393.81 | 10,759.17 |
| Depreciation provision | 1,299.91 | 512.90 | 1,812.81 |
| Operating expenses | 51,977.57 | 16,837.01 | 68,814.58 |
| Net Operating Deficit | 5,274.76 | 918.53 | 6,193.29 |
| Taxes | 244.37 | .................... | 244.37 |
| Net Operating Loss | 5,519.13 | 918.53 | 6,437.66 |

### Income Account

| | | | |
|---|---|---|---|
| Net Operating Loss (as above) | | | $6,437.66 |
| Net Interest Charges: | | | |
| Interest on long-term debt | | $15,000.00 | |
| Amortization of premium on debt | | 235.99 | |
| | | $14,764.01 | |
| Income from special funds | $2,312.48 | | |
| Miscellaneous interest income | 308.14 | | |
| | | 2,620.62 | |
| | | | 12,143.39 |
| Net Loss | | | $18,581.05 |
| Sinking Fund Appropriation for the Year: | | | |
| Principal | | $3,159.00 | |
| Interest | | 465.51 | |
| | | | 3,624.51 |
| Deficiency After Sinking Fund Appropriation | | | $22,205.56 |
| Miscellaneous Debits: | | | |
| Reserve appropriation—instalment on purchase agreement | | $11,700.00 | |
| Loss on retired bus equipment | | 2,357.83 | |
| | | | 14,057.83 |
| Total Deficit Charged to the City of Guelph | | | $36,263.39 |

# SECTION X

## MUNICIPAL ACCOUNTS

### And Statistical Data Relating to Hydro-Electric Distribution Systems Operated by Individual Municipalities Served by The Hydro-Electric Power Commission of Ontario

The Municipal Accounts section of this report presents in summary, and individually, the results of the operation of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission.

Financial statements prepared from the books of these "Hydro" utilities are submitted herein to show how each has operated during the past year, and its financial status at the present time. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with The Hydro-Electric Power Commission of Ontario for a supply of power are kept in accordance with an accounting system designed by the Commission.

Periodical inspections are made of the books of all "Hydro" electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the bookkeeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement insures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year, and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for each year since 1912, and thus shows the march of progress. It combines the balance sheets of the local municipal utilities of all the systems.

It is worth noting that the total plant value has increased from $10,081,469.16 in 1913 to $91,756,564.75 in 1935, and the total assets from $11,907,826.86 to $144,850,495.71. The liabilities have not increased in the same proportion as the assets, rising from $10,468,351.79 to a maximum of $52,685,316.86 in 1932 and receding to $43,134,006.30 in 1935. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; being from 88.0 per cent in 1913 to 32.0 per cent in 1935. The equities in The Hydro-Electric Power Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for each year since "Hydro" service was inaugurated and combines the results from the local municipal utilities of all the systems. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of $1,247,549.33 for 1935.

The five statements, "A" to "E," following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of consumers and consumption, cost of power to municipalities, power and lighting rates charged to consumers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "D" the municipalities are arranged in three groups—cities, towns and small municipalities; in statements "C" and "E" all municipalities are arranged alphabetically.

**Statement "A"** presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory with the exception, perhaps, of the item entitled "equity in H-E.P.C systems." The sinking fund portion of the cost paid year by year to the Commission for power is for the purpose of ultimately retiring the capital liabilities incurred by the Commission on behalf of the municipalities. A municipality's aggregate equity in the Commission's systems at any time is the total of the sinking fund payments that have been credited to it, together with interest. The total sinking fund equity acquired by these municipalities to the end of 1935 is shown in the consolidated balance sheet to be $32,609,979.83.

In conformity with a policy of service at cost to the customer, refunds by cash or credit were made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc., and to individual customers. The amounts of the accumulated surpluses rebated equalled, in different municipalities, from five per cent to twenty-five per cent of the previous year's revenue. The total thus returned to customers during the year 1935 amounted in round figures to $335,000.00.

In each case the balance sheet includes the credit or charge representing the difference between the monthly payments for power at interim rates and the cost of power as ascertained by the Commission upon annual adjustment.

The reserves for depreciation, and the acquired equity in The Hydro-Electric Power Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the free operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 22.5 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of $66,647,434.60, approximately 72.6 per cent of the total plant cost.

**Statement "B"** shows detailed operating reports for each municipal electrical utility. It gives annual revenues from the various classes of consumers; the items of expenditure which make up the total annual expenditure and the sums set aside for depreciation. The population served by each local utility, and the number of consumers of each class are also shown.

The item "power purchased" in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.

Of the 284 municipal electric utilities included in this statement, 265 received from consumers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of $1,273,325.07 for the year; 18 were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating $25,395.87; in the case of one utility the revenue was less than the total of operating expenses, interest and debt retirement instalments by $161.87.

**Statement "C"** shows the installation of street lights in each municipality together with the rates approved by this Commission, the revenue for 1935 and the cost per capita in each municipality.

**Statement "D"** presents statistics relating to the supply of electrical energy to consumers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of consumers, average monthly consumption, average monthly bill and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of consumers and the average horsepower supplied by the municipal utility.* For further reference to this informative statement, consult the special introduction to it on page 396.

**Statement "E"** presents the cost per horsepower of the power provided for and delivered to the municipalities by the Commission, and the local rates to consumers in force in the respective municipalities, during the year 1935, for domestic service, for commercial light service and for power service.

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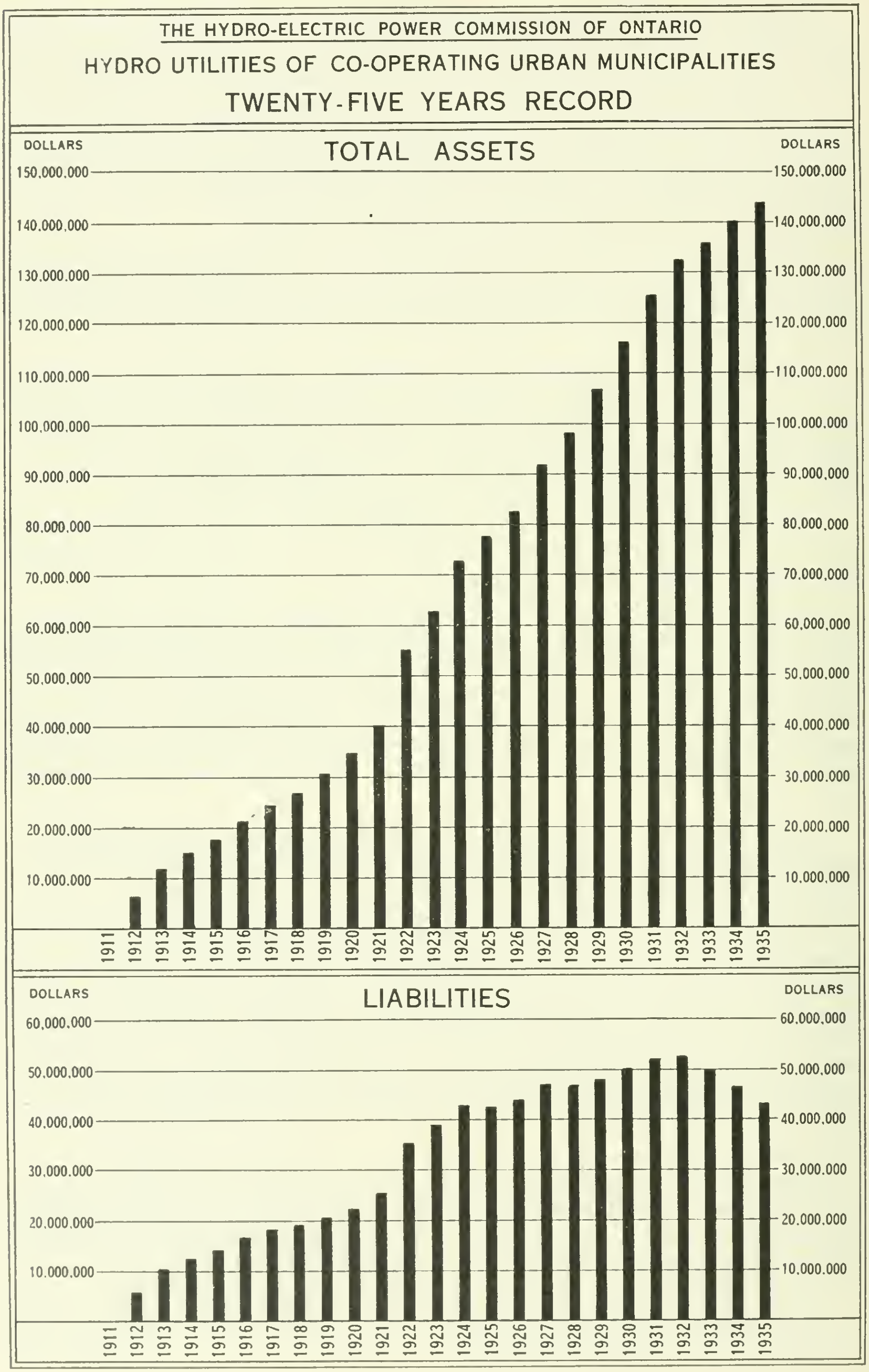
*The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section IX.



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES

TWENTY-FIVE YEARS RECORD

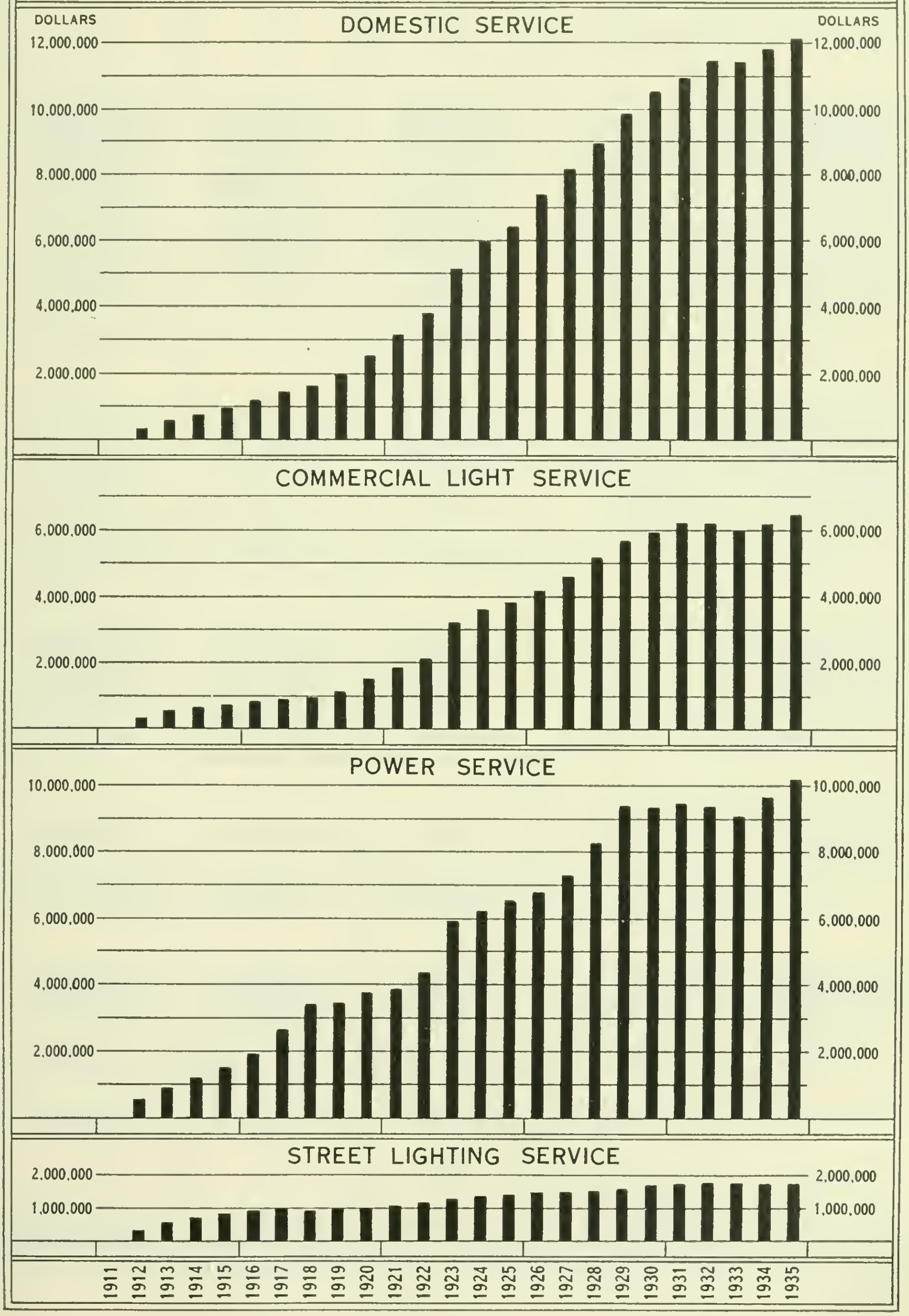
TOTAL ASSETS

LIABILITIES

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

HYDRO UTILITIES OF CO-OPERATING URBAN MUNICIPALITIES

TWENTY-FIVE YEARS REVENUES



## CONSOLIDATED

| Year | 1913 | 1914 | 1915 |
|---|---|---|---|
| Number of municipalities included | 45 | 69 | 99 |
| Assets | $ c. | $ c. | $ c. |
| Lands and buildings | 626,707.34 | 791,732.20 | 873,838.18 |
| Substation equipment | 1,090,875.69 | 1,476,087.84 | 1,582,062.56 |
| Distribution system—overhead | 2,690,834.74 | 3,422,763.93 | 4,234,626.05 |
| Distribution system—underground | 644,514.24 | 807,153.53 | 928,420.77 |
| Line transformers | 615,546.20 | 787,613.52 | 981,754.70 |
| Meters | 840,606.64 | 1,172,475.11 | 1,418,165.08 |
| Street lighting equipment-regular | 900,614.80 | 1,071,255.37 | 1,309,628.49 |
| Street lighting equipment-ornamental | 62,765.34 | 270,386.55 | 197,644.82 |
| Miscellaneous construction expenses | 866,551.89 | 2,062,035.90 | 1,701,182.66 |
| Steam or hydraulic plant | 1,401,175.28 | 420,108.33 | 461,651.60 |
| Old plant | 341,277.00 | 619,513.12 | 1,184,372.86 |
| Total plant | 10,081,469.16 | 12,901,125.40 | 14,873,347.77 |
| Bank and cash balance | 450,887.97 | 422,350.12 | 284,653.96 |
| Securities and investments | | | |
| Accounts receivable | 344,487.95 | 561,873.08 | 602,920.69 |
| Inventories | 540,274.58 | 615,226.76 | 726,556.76 |
| Sinking fund on local debentures | 431,747.27 | 625,217.03 | 868,983.78 |
| Equity in H-E.P.C. systems | | | |
| Other assets | 58,959.93 | 123,410.97 | 326,801.11 |
| Total assets | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| Liabilities | | | |
| Debenture balance | 8,711,308.37 | 10,678,078.36 | 11,831,811.03 |
| Accounts payable | 1,553,711.45 | 1,682,150.29 | 2,040,038.01 |
| Bank overdraft | 160,919.16 | 228,622.50 | 292,106.44 |
| Other liabilities | 42,412.81 | 113,838.66 | 37,388.31 |
| Total liabilities | 10,468,351.79 | 12,702,689.81 | 14,201,343.79 |
| Reserves | | | |
| For equity in H-E.P.C. systems | | | |
| For depreciation | 478,145.88 | 850,618.07 | 1,337,739.73 |
| Other reserves | | | |
| Total reserves | 478,145.88 | 850,618.07 | 1,337,739.73 |
| Surplus | | | |
| Debentures paid | 202,751.26 | 320,129.10 | 394,466.22 |
| Local sinking fund | 431,747.27 | 625,217.03 | 868,983.78 |
| Operating surplus | 326,830.66 | 750,549.35 | 880,730.55 |
| Total surplus | 961,329.19 | 1,695,895.48 | 2,144,180.55 |
| Total liabilities, reserves and surplus | 11,907,826.86 | 15,249,203.36 | 17,683,264.07 |
| Percentage of net debt to total assets | 88.0 | 88.3 | 80.3 |

NOTE.—In computing the "percentage of net debt to total assets" the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, are excluded from assets; and the total liabilities are reduced by the amount of the local sinking

## BALANCE SHEET

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---|---|---|---|---|
| 128 | 143 | 166 | 191 | 195 |
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,335,936.33 | 1,546,241.41 | 1,859,888.69 | 1,995,545.83 | 2,175,568.24 |
| 1,934,626.12 | 2,471,293.82 | 2,820,488.70 | 2,915,125.56 | 3,231,050.80 |
| 4,832,353.27 | 6,090,073.42 | 6,627,237.39 | 7,445,820.31 | 8,579,881.49 |
| 1,095,709.62 | 1,157,059.90 | 1,216,288.59 | 1,206,296.88 | 1,313,369.29 |
| 1,179,132.07 | 1,483,839.44 | 1,772,691.35 | 2,073,113.45 | 2,560,581.59 |
| 1,711,299.49 | 1,999,095.48 | 2,238,143.70 | 2,587,566.32 | 3,053,135.20 |
| 1,251,057.13 | 1,237,734.69 | 1,200,625.65 | 1,206,638.71 | 1,269,006.98 |
| 306,388.95 | 361,975.74 | 531,502.61 | 546,497.68 | 557,678.13 |
| 2,059,263.42 | 2,184,015.84 | 2,395,096.50 | 2,530,101.08 | 2,697,636.12 |
| 864,500.01 | 896,753.20 | 214,575.75 | 986,200.57 | 757,194.47 |
| 759,748.66 | 649,852.51 | 1,476,413.00 | 805,959.89 | 864,298.39 |
| 17,330,015.07 | 20,077,935.45 | 22,352,951.93 | 24,298,866.28 | 27,059,400.70 |
| 1,061,029.90 | 340,026.50 | 391,194.91 | 462,437.23 | 943,858.12 |
| ...... | ...... | ...... | 627,076.53 | 341,855.88 |
| 695,152.23 | 1,285,097.33 | 1,124,018.44 | 1,921,166.69 | 2,022,538.88 |
| 764,504.59 | 1,261,398.36 | 972,996.96 | 1,032,569.75 | 1,400,671.89 |
| 1,166,017.73 | 1,337,578.96 | 1,663,298.05 | 1,925,455.77 | 2,244,004.34 |
| ...... | ...... | ...... | 369,071.89 | 577,584.06 |
| 342,215.87 | 125,240.05 | 444,787.63 | 86,216.05 | 25,447.07 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 30,722,860.19 | 34,615,360.94 |
| 15,058,641.57 | 15,593,773.61 | 17,209,217.70 | 18,133,462.44 | 19,268,072.04 |
| 969,187.75 | 1,537,669.11 | 1,007,727.79 | 1,420,926.66 | 1,840,137.54 |
| 178,413.26 | 886,177.94 | 576,816.49 | 403,235.57 | 514,671.99 |
| 491,874.90 | 429,104.20 | 350,013.21 | 670,271.90 | 642,293.65 |
| 16,698,117.48 | 18,446,724.86 | 19,143,775.19 | 20,627,896.57 | 22,265,175.22 |
| ...... | ...... | ...... | 373,871.89 | 577,584.06 |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 3,750,162.28 | 4,788,645.03 |
| ...... | ...... | ...... | ...... | ...... |
| 1,843,804.68 | 2,463,723.83 | 3,133,550.17 | 4,124,034.17 | 5,366,229.09 |
| 549,778.59 | 694,797.90 | 920,076.56 | 1,328,657.68 | 1,440,156.52 |
| 1,165,785.94 | 1,340,615.38 | 1,662,602.69 | 1,754,020.37 | 2,246,474.47 |
| 1,101,448.70 | 1,481,414.68 | 2,089,243.31 | 2,888,251.40 | 3,297,325.64 |
| 2,817,013.23 | 3,516,827.96 | 4,671,922.56 | 5,970,929.45 | 6,983,956.63 |
| 21,358,935.39 | 24,427,276.65 | 26,949,247.92 | 30,722,860.19 | 34,615,360.94 |
| 78.4 | 75.5 | 71.0 | 67.9 | 65.4 |

fund reserve, and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

## CONSOLIDATED

| YEAR | 1921 | 1922 | 1923 |
|---|---|---|---|
| Number of municipalities included | 215 | 226 | 235 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 3,230,985.63 | 3,334,522.68 | 4,488,054.93 |
| Substation equipment | 5,403,689.90 | 5,046,857.98 | 6,015,919.75 |
| Distribution system—overhead | 8,397,361.48 | 11,165,330.24 | 13,135,581.76 |
| Distribution system—underground | 1,401,135.97 | 1,598,053.02 | 1,959,120.41 |
| Line transformers | 3,077,649.83 | 3,618,684.73 | 4,211,655.89 |
| Meters | 3,552,076.79 | 4,033,689.52 | 4,548,933.73 |
| Street lighting equipment–regular | 1,335,997.13 | 1,419,016.05 | 1,061,473.85 |
| Street lighting equipment–ornamental | 610,586.70 | 666,084.50 | 708,431.22 |
| Miscellaneous construction expenses | 3,030,134.16 | 3,261,495.74 | 3,681,274.88 |
| Steam or hydraulic plant | 704,848.46 | 565,158.54 | 566,619.86 |
| Old plant | 912,388.55 | 7,997,947.87 | 8,051,496.28 |
| Total plant | 31,656,854.60 | 42,706,840.87 | 48,428,562.56 |
| Bank and cash balance | 900,842.34 | 1,164,336.24 | 1,276,140.06 |
| Securities and investments | 477,678.69 | 443,938.18 | 1,153,424.47 |
| Accounts receivable | 2,155,788.62 | 3,874,317.14 | 3,198,769.34 |
| Inventories | 1,504,596.28 | 1,738,795.96 | 1,819,711.62 |
| Sinking fund on local debentures | 2,541,718.35 | 3,416,231.45 | 3,896,261.28 |
| Equity in H-E.P.C. systems | 795,570.51 | 1,543,434.12 | 2,929,603.94 |
| Other assets | 78,929.84 | 238,940.13 | 190,071.63 |
| Total assets | 40,111,979.23 | 55,126,834.09 | 62,892,544.90 |
| LIABILITIES | | | |
| Debenture balance | 21,619,220.99 | 30,454,186.12 | 33,056,501.29 |
| Accounts payable | 1,887,567.93 | 3,699,292.52 | 3,708,781.76 |
| Bank overdraft | 989,099.98 | 456,706.69 | 680,714.59 |
| Other liabilities | 938,368.84 | 586,203.02 | 1,517,828.47 |
| Total liabilities | 25,434,257.74 | 35,196,388.35 | 38,963,826.11 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 800,249.05 | 1,543,434.12 | 2,929,603.94 |
| For depreciation | 5,491,858.93 | 6,512,813.92 | 7,328,858.69 |
| Other reserves | ........................ | ........................ | ........................ |
| Total reserves | 6,292,107.98 | 8,056,248.04 | 10,258,462.63 |
| SURPLUS | | | |
| Debentures paid | 1,860,079.53 | 3,104,591.15 | 2,852,038.38 |
| Local sinking fund | 2,541,718.35 | 3,416,231.45 | 3,896,261.28 |
| Operating surplus | 3,983,815.63 | 5,353,375.10 | 6,921,956.50 |
| Total surplus | 8,385,613.51 | 11,874,197.70 | 13,670,256.16 |
| Total liabilities, reserves and surplus | 40,111,979.23 | 55,126,834.09 | 62,892,544.90 |
| Percentage of net debt to total assets | 64.7 | 63.3 | 62.6 |

BALANCE SHEET—Continued

| 1924 | 1925 | 1926 | 1927 | 1928 |
|---|---|---|---|---|
| 248 | 247 | 251 | 252 | 256 |
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 4,561,648.92 | 5,768,855.99 | 6,111,162.54 | 6,486,426.89 | 7,024,646.76 |
| 6,800,238.00 | 8,543,166.55 | 9,505,501.77 | 15,088,905.14 | 16,866,186.21 |
| 14,182,190.33 | 16,837,535.57 | 18,654,240.54 | 16,689,462.41 | 17,688,050.68 |
| 2,873,446.13 | 3,388,837.09 | 3,689,569.95 | 3,278,382.58 | 3,559,288.16 |
| 4,456,669.02 | 5,079,754.23 | 5,538,605.24 | 5,985,521.37 | 6,549,674.64 |
| 5,149,629.71 | 5,533,483.92 | 5,963,162.51 | 6,346,660.59 | 6,839,802.90 |
| 1,134,491.77 | 1,256,916.53 | 1,309,608.30 | 1,399,314.06 | 1,486,646.24 |
| 728,298.08 | 893,186.48 | 1,103,660.23 | 1,184,035.82 | 1,203,706.65 |
| 4,168,262.21 | 4,485,110.96 | 3,456,777.71 | 3,360,671.09 | 3,394,626.92 |
| 4,196,803.45 | 568,912.49 | 628,909.57 | 607,320.00 | 619,880.93 |
| 5,587,420.31 | 4,549,142.46 | 4,655,422.59 | 5,095,555.90 | 5,032,089.26 |
| 53,839,097.93 | 56,904,902.27 | 60,616,620.95 | 65,522,255.85 | 70,264,599.35 |
| 1,748,912.34 | 1,700,145.30 | 2,136,290.79 | 3,014,832.48 | 1,342,367.07 |
| 1,329,622.58 | 1,095,662.92 | 1,400,316.43 | 1,696,237.66 | 1,837,140.51 |
| 3,898,751.89 | 3,417,558.86 | 3,508,817.87 | 3,715,770.72 | 4,097,446.13 |
| 1,745,628.16 | 1,711,504.13 | 1,397,667.83 | 1,412,729.41 | 1,220,186.10 |
| 4,520,723.06 | 5,202,451.70 | 5,599,675.01 | 6,398,909.77 | 7,071,273.69 |
| 5,420,567.58 | 7,551,588.70 | 8,046,868.53 | 10,143,205.66 | 12,326,097.56 |
| 250,292.77 | 137,280.05 | 33,151.81 | 31,942.45 | 153,275.04 |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| 38,005,162.50 | 37,919,225.01 | 39,602,533.48 | 42,891,361.57 | 42,597,175.78 |
| 3,117,224.08 | 3,139,067.92 | 3,118,684.78 | 2,988,621.90 | 3,074,634.25 |
| 162,100.71 | 226,147.82 | 163,725.53 | 252,362.52 | 253,143.81 |
| 1,780,564.27 | 1,075,914.83 | 1,087,795.08 | 1,154,810.24 | 1,258,610.23 |
| 43,065,051.56 | 42,360,355.58 | 43,972,738.87 | 47,287,156.23 | 47,183,564.07 |
| 5,420,567.58 | 7,551,588.70 | 8,046,868.53 | 10,143,205.66 | 12,326,097.56 |
| 8,097,834.68 | 8,699,437.68 | 9,360,322.27 | 10,319,889.05 | 11,140,795.68 |
| .............................. | 1,157,147.20 | 947,970.23 | 1,002,916.69 | 1,117,257.63 |
| 13,518,402.26 | 17,408,173.58 | 18,355,161.03 | 21,466,011.40 | 24,584,150.87 |
| 3,530,610.35 | 4,440,138.34 | 5,493,879.83 | 6,648,767.38 | 7,928,907.61 |
| 4,520,723.06 | 5,202,451.70 | 5,599,675.01 | 6,398,909.77 | 7,071,273.69 |
| 8,118,809.08 | 8,309,974.73 | 9,317,954.48 | 10,135,039.22 | 11,544,489.21 |
| 16,170,142.49 | 17,952,564.77 | 20,411,509.32 | 23,182,716.37 | 26,544,670.51 |
| 72,753,596.31 | 77,721,093.93 | 82,739,409.22 | 91,935,884.00 | 98,312,385.45 |
| 61.4 | 57.2 | 55.5 | 54.2 | 50.8 |

## CONSOLIDATED

| Year | 1929 | 1930 | 1931 |
|---|---|---|---|
| Number of municipalities included | 260 | 267 | 275 |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | 7,469,451.46 | 7,936,974.31 | 8,407,664.48 |
| Substation equipment | 18,102,792.13 | 19,485,056.28 | 21,013,956.74 |
| Distribution system—overhead | 18,108,016.82 | 19,220,326.48 | 19,918,355.76 |
| Distribution system—underground | 4,823,369.60 | 4,932,189.05 | 5,361,627.24 |
| Line transformers | 7,312,742.17 | 7,953,090.23 | 8,649,875.07 |
| Meters | 7,405,478.91 | 7,840,948.07 | 8,106,202.88 |
| Street lighting equipment–regular | 1,594,183.25 | 1,780,785.67 | 2,205,613.18 |
| Street lighting equipment–ornamental | 1,458,349.64 | 1,520,891.01 | 1,456,742.91 |
| Miscellaneous construction expenses | 3,483,487.78 | 3,996,747.77 | 3,827,132.05 |
| Steam or hydraulic plant | 489,097.57 | 139,587.28 | 458,374.05 |
| Old plant | 5,093,378.75 | 5,322,690.14 | 7,146,437.96 |
| Other plants not distributed | | | |
| Total plant | 75,340,348.08 | 80,129,286.29 | 86,551,982.32 |
| Bank and cash balance | 858,733.68 | 2,722,250.12 | 2,738,319.67 |
| Securities and investments | 2,001,088.81 | 1,909,439.11 | 1,999,846.42 |
| Accounts receivable | 4,683,201.97 | 4,481,006.92 | 3,957,972.78 |
| Inventories | 1,365,033.58 | 1,242,994.51 | 1,276,531.01 |
| Sinking fund on local debentures | 7,753,613.88 | 8,396,255.47 | 8,735,050.84 |
| Equity in H-E.P.C. systems | 14,754,865.40 | 17,346,372.44 | 20,103,275.76 |
| Other assets | 152,260.86 | 173,030.05 | 174,879.28 |
| Total assets | 106,909,146.26 | 116,400,634.91 | 125,537,858.08 |
| LIABILITIES | | | |
| Debenture balance | 42,930,127.74 | 45,091,808.06 | 44,594,400.03 |
| Accounts payable | 3,132,145.03 | 3,001,186.21 | 5,382,306.13 |
| Bank overdraft | 412,056.69 | 405,663.14 | 312,575.54 |
| Other liabilities | 1,621,378.17 | 1,642,771.59 | 1,909,986.13 |
| Total liabilities | 48,095,707.63 | 50,141,429.00 | 52,199,267.83 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 14,754,865.40 | 17,346,372.44 | 20,103,275.76 |
| For depreciation | 11,911,154.49 | 12,885,387.51 | 13,748,049.68 |
| Other reserves | 1,437,371.26 | 1,574,655.74 | 1,693,129.83 |
| Total reserves | 28,103,391.15 | 31,806,415.69 | 35,544,455.27 |
| SURPLUS | | | |
| Debentures paid | 9,194,253.59 | 10,728,279.15 | 13,150,040.37 |
| Local sinking fund | 7,962,121.20 | 8,396,255.47 | 8,735,050.84 |
| Operating surplus | 13,553,672.69 | 15,328,255.60 | 15,909,043.77 |
| Total surplus | 30,710,047.48 | 34,452,790.22 | 37,794,134.98 |
| Total liabilities, reserves and surplus | 106,909,146.26 | 116,400,634.91 | 125,537,858.08 |
| Percentage of net debt to total assets | 47.8 | 46.0 | 44.1 |

## BALANCE SHEET—Concluded

| 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|
| 280 | 282 | 282 | 284 |
| $ c. | $ c. | $ c. | $ c. |
| 9,503,743.78 | 10,186,471.28 | 10,262,692.98 | 10,381,191.41 |
| 22,288,781.68 | 22,306,800.94 | 22,327,618.75 | 22,072,115.14 |
| 20,866,767.32 | 21,152,681.20 | 21,353,725.80 | 21,650,567.75 |
| 5,820,056.75 | 5,945,225.61 | 6,031,767.74 | 6,068,724.47 |
| 9,392,662.62 | 9,478,605.14 | 9,635,279.35 | 9,678,578.13 |
| 8,403,251.67 | 8,514,165.03 | 8,624,504.78 | 8,767,892.27 |
| 2,257,618.20 | 2,381,599.40 | 2,395,296.48 | 2,420,238.81 |
| 1,545,354.93 | 1,458,443.68 | 1,464,306.73 | 1,486,302.46 |
| 4,120,926.11 | 4,040,859.74 | 3,907,359.92 | 3,616,986.74 |
| 498,231.69 | 502,978.62 | 494,932.96 | 496,050.14 |
| 4,989,654.97 | 5,016,755.92 | 4,978,079.44 | 4,917,917.43 |
| 200,000.00 | 200,000.00 | 200,000.00 | 200,000.00 |
| 89,887,049.72 | 91,184,586.56 | 91,675,564.93 | 91,756,564.75 |
| 3,185,442.00 | 1,696,489.24 | 2,215,914.31 | 2,927,485.90 |
| 2,059,325.10 | 2,163,785.20 | 2,382,446.41 | 2,593,633.59 |
| 3,683,059.42 | 3,746,910.92 | 4,001,596.09 | 4,363,297.95 |
| 1,232,209.52 | 1,226,043.30 | 1,110,705.38 | 1,212,063.37 |
| 9,099,210.61 | 9,386,176.58 | 9,161,419.77 | 9,086,152.46 |
| 23,066,129.81 | 26,045,679.00 | 29,274,340.46 | 32,609,979.83 |
| 163,637.79 | 253,581.84 | 289,158.19 | 301,317.86 |
| 132,376,063.97 | 135,703,252.64 | 140,111,145.54 | 144,850,495.71 |
| 45,133,305.97 | 42,606,145.29 | 39,646,989.68 | 36,667,080.62 |
| 3,512,724.58 | 3,320,485.45 | 3,149,035.07 | 2,931,934.14 |
| 298,910.20 | 206,398.00 | 143,556.95 | 72,084.93 |
| 3,740,376.11 | 3,787,725.14 | 3,669,008.56 | 3,462,906.61 |
| 52,685,316.86 | 49,920,753.88 | 46,608,590.26 | 43,134,006.30 |
| 23,066,129.81 | 26,045,679.00 | 29,274,340.46 | 32,609,979.83 |
| 14,902,177.02 | 16,075,959.28 | 17,426,809.32 | 18,410,891.84 |
| 1,902,308.64 | 2,048,081.84 | 2,056,820.81 | 2,459,074.98 |
| 39,870,615.47 | 44,169,720.12 | 48,757,970.59 | 53,479,946.65 |
| 15,244,778.28 | 17,651,367.71 | 20,608,129.73 | 23,481,974.13 |
| 9,099,210.61 | 9,386,176.58 | 9,161,419.77 | 9,086,152.46 |
| 15,476,142.75 | 14,575,234.35 | 14,975,035.19 | 15,668,416.17 |
| 39,820,131.64 | 41,612,778.64 | 44,744,584.69 | 48,236,542.76 |
| 132,376,063.97 | 135,703,252.64 | 140,111,145.54 | 144,850,495.71 |
| 43.4 | 40.4 | 35.9 | 32.0 |

## CONSOLIDATED

| YEAR | 1912 | 1913 | 1914 | 1915 |
|---|---|---|---|---|
| Number of municipalities included | 28 | 45 | 69 | 99 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | | 572,154.38 | 789,130.81 | 944,271.08 |
| Commercial light service | | 525,438.16 | 673,803.92 | 720,209.26 |
| Commercial power service | | 905,378.17 | 1,214,829.31 | 1,501,797.78 |
| Municipal power | | | | |
| Street lighting | | 560,925.56 | 698,409.71 | 835,970.87 |
| Rural service | | | | |
| Miscellaneous | | 53,543.24 | 57,482.41 | 68,046.29 |
| Total earnings | 1,617,674.00 | 2,617,439.51 | 3,433,656.16 | 4,070,295.28 |
| EXPENSES | | | | |
| Power purchased | | 789,632.87 | 1,045,752.65 | 1,484,666.00 |
| Substation operation | | 78,394.81 | 97,658.90 | 107,607.31 |
| Substation mainteance | | 18,698.46 | 31,790.99 | 25,935.56 |
| Distribution system, operation and maintenance | | 104,114.51 | 130,998.65 | 154,409.71 |
| Line transformer maintenance | | 8,547.61 | 11,764.32 | 11,508.92 |
| Meter maintenance | | 5,222.19 | 9,536.07 | 12,899.14 |
| Consumers' premises expenses | | 53,108.38 | 65,192.23 | 47,494.26 |
| Street lighting, operation and maintenance | | 84,903.76 | 113,047.80 | 136,983.38 |
| Promotion of business | | 72,303.51 | 86,683.02 | 74,402.55 |
| Billing and collecting | | 77,351.76 | 103,560.71 | 131,541.27 |
| General office, salaries and expenses | | 154,932.69 | 230,899.75 | 236,777.86 |
| Undistributed expense | | 65,423.64 | 89,350.91 | 129,209.15 |
| Interest | | 528,549.21 | 662,092.34 | 817,978.89 |
| Sinking fund and principal payments on debentures | | * | * | * |
| Total expenses | 1,377,168.00 | 2,041,183.40 | 2,678,328.34 | 3,371,414.00 |
| Surplus | 240,506.00 | 576,256.11 | 755,327.82 | 698,881.28 |
| Depreciation and other reserves | 124,992.47 | 262,675.24 | 357,883.31 | 414,506.99 |
| Surplus less depreciation | 115,513.53 | 313,580.87 | 397,444.51 | 284,374.29 |

*Debenture payments included in "Interest."

## OPERATING REPORT

| 1916 | 1917 | 1918 | 1919 | 1920 |
|---|---|---|---|---|
| 128 | 143 | 166 | 181 | 186 |
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 1,172,878.96 | 1,417,460.31 | 1,632,272.12 | 1,991,632.31 | 2,546,345.30 |
| 812,130.78 | 899,023.72 | 968,399.42 | 1,175,143.56 | 1,512,854.63 |
| 1,921,152.31 | 2,665,280.65 | 3,417,248.37 | 3,443,107.13 | 3,752,188.22 |
| | | | | 532,279.09 |
| 930,057.48 | 967,495.10 | 902,875.55 | 988,900.95 | 1,005,535.11 |
| | | | | 168,919.95 |
| 147,381.50 | 120,805.39 | 161,243.70 | 228,270.65 | 189,778.63 |
| 4,983,601.03 | 6,070,065.17 | 7,082,039.16 | 7,827,054.60 | 9,707,900.93 |
| | | | | |
| 1,959,446.83 | 2,573,879.37 | 2,807,769.33 | 3,284,490.68 | 4,216,667.87 |
| 153,761.08 | 203,091.20 | 238,257.34 | 217,638.89 | 285,407.35 |
| 46,131.53 | 42,129.04 | 60,805.92 | 81,853.63 | 102,050.81 |
| 154,247.17 | 169,326.24 | 223,347.81 | 286,310.76 | 344,551.57 |
| 14,528.17 | 25,328.95 | 30,488.83 | 42,509.12 | 46,323.09 |
| 24,218.48 | 44,461.55 | 63,155.56 | 78,726.64 | 123,701.18 |
| 52,602.01 | 61,765.14 | 65,149.59 | 84,301.24 | 116,283.52 |
| 145,471.50 | 157,857.73 | 196,157.18 | 215,963.86 | 236,930.79 |
| 79,324.85 | 73,516.37 | 64,962.78 | 74,789.22 | 78,294.85 |
| 154,508.58 | 188,083.84 | 208,660.76 | 236,504.75 | 295,942.88 |
| 306,709.35 | 349,932.05 | 421,680.15 | 452,131.22 | 559,695.29 |
| 97,333.97 | 102,938.80 | 117,474.07 | 190,690.09 | 256,400.33 |
| 951,781.99 | 1,085,180.80 | 1,238,425.53 | 1,285,571.51 | 1,431,807.16 |
| * | * | * | * | * |
| 4,140,065.51 | 5,077,491.08 | 5,736,334.85 | 6,531,481.61 | 8,094,056.69 |
| 843,535.52 | 992,574.09 | 1,345,704.31 | 1,295,572.99 | 1,613,844.24 |
| 486,141.80 | 607,296.29 | 718,162.30 | 814,219.37 | 902,028.75 |
| 357,393.72 | 385,277.80 | 627,542.01 | 481,353.62 | 711,815.49 |

## CONSOLIDATED

| YEAR | 1921 | 1922 | 1923 |
|---|---|---|---|
| Number of municipalities included | 205 | 214 | 224 |
| EARNINGS | $ c. | $ c. | $ c. |
| Domestic service | 3,149,080.03 | 3,786,608.23 | 5,166,452.24 |
| Commercial light service | 1,851,501.76 | 2,158,306.34 | 3,260,772.50 |
| Commercial power service | 3,895,437.46 | 4,383,912.97 | 5,927,666.37 |
| Municipal power | 654,531.01 | 973,263.38 | 1,161,598.60 |
| Street lighting | 1,060,357.77 | 1,160,446.81 | 1,269,604.48 |
| Rural service | 145,566.57 | 105,877.09 | 116,639.06 |
| Miscellaneous | 225,467.70 | 187,689.39 | 316,311.21 |
| Total earnings | 10,981,942.30 | 12,756,104.21 | 17,219,044.46 |
| EXPENSES | | | |
| Power purchased | 4,876,650.31 | 6,636,853.37 | 8,699,026.67 |
| Substation operation | 314,838.35 | 315,443.70 | 474,442.13 |
| Substation maintenance | 104,798.01 | 100,763.67 | 133,815.53 |
| Distribution system, operation and maintenance | 487,918.33 | 519,252.16 | 636,477.41 |
| Line transformer maintenance | 65,088.46 | 52,932.26 | 75,920.10 |
| Meter maintenance | 116,722.97 | 107,806.88 | 139,104.81 |
| Consumers' premises expenses | 134,854.92 | 143,388.88 | 218.682.02 |
| Street lighting, operation and maintenance | 297,481.52 | 297,363.86 | 299,579.08 |
| Promotion of business | 101,804.46 | 129,932.63 | 184,371.00 |
| Billing and collecting | 321,685.71 | 338,153.50 | 444,306.92 |
| General office, salaries and expenses | 656,268.11 | 605,852.50 | 937,463.47 |
| Undistributed expense | 308,874.42 | 385,895.03 | 359,206.91 |
| Interest | 998,611.47 | 1,074,657.44 | 1,615,205.16 |
| Sinking fund and principal payments on debentures | 532,183.96 | 635,469.90 | 990,907.14 |
| Total expenses | 9,317,781.00 | 11,343,765.78 | 15,208,508.35 |
| Surplus | 1,664,161.30 | 1,412,338.43 | 2,010,536.11 |
| Depreciation and other reserves | 1,044,434.85 | 715,814.24 | 916,782.75 |
| Surplus less depreciation | 619,726.45 | 696,524.19 | 1,093,753.36 |

## OPERATING REPORT—Continued

| 1924 | 1925 | 1926 | 1927 | 1928 |
|---|---|---|---|---|
| 241 | 242 | 248 | 251 | 255 |
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 5,993,231.07 | 6,439,159.86 | 7,372,602.62 | 8,189,866.89 | 8,925,050.56 |
| 3,566,227.22 | 3,866,292.79 | 4,187,899.19 | 4,626,815.51 | 5,182,723.32 |
| 6,222,865.88 | 6,568,854.77 | 6,789,217.54 | 7,342,173.20 | 8,298,669.44 |
| 1,352,966.47 | 1,923,093.09 | 1,922,512.34 | 1,913,502.88 | 1,921,300.97 |
| 1,356,668.97 | 1,415,382.22 | 1,457,686.21 | 1,489,242.37 | 1,534,476.98 |
| 75,100.24 | 37,975.18 | 37,810.73 | 13,765.72 | 48,451.90* |
| 231,663.58 | 286,451.08 | 471,134.15 | 581,913.04 | 465,791.92 |
| 18,798,723.43 | 20,537,208.99 | 22,238,862.78 | 24,157,279.61 | 26,376,465.09 |
| | | | | |
| 9,669,789.40 | 11,063,123.34 | 12,185,669.10 | 13,505,583.77 | 14,688,570.08 |
| 430,056.09 | 417,921.71 | 450,416.84 | 430,211.76 | 420,512.48 |
| 202,050.04 | 207,497.63 | 286,520.37 | 275,148.86 | 247,647.88 |
| 648,700.62 | 686,344.54 | 795,514.70 | 758,747.10 | 736,159.85 |
| 82,936.50 | 75,473.28 | 74,876.11 | 94,706.38 | 88,676.18 |
| 141,231.23 | 156,909.55 | 189,603.70 | 214,813.87 | 218,530.96 |
| 237,316.20 | 252,808.47 | 275,020.62 | 285,352.68 | 291,333.03 |
| 269,973.30 | 275,316.60 | 295,869.37 | 318,395.79 | 329,597.16 |
| 202,060.74 | 217,102.24 | 234,696.74 | 220,687.60 | 249,842.01 |
| 490,273.30 | 521,134.01 | 557,271.54 | 605,627.58 | 638,797.02 |
| 889,907.66 | 891,640.29 | 786,742.60 | 824,868.90 | 844,578.55 |
| 494,078.50 | 520,584.58 | 460,288.30 | 531,003.80 | 542,755.34 |
| 1,779,991.26 | 1,889,810.95 | 1,985,233.73 | 2,063,698.00 | 2,111,049.49 |
| 1,122,798.87 | 1,294,027.29 | 1,347,511.92 | 1,505,626.31 | 1,601,711.32 |
| 16,661,163.71 | 18,469,694.48 | 19,925,235.64 | 21,634,472.40 | 23,009,761.35 |
| 2,137,559.72 | 2,067,514.51 | 2,313,627.14 | 2,522,807.21 | 3,366,703.74 |
| 973,649.62 | 1,068,880.42 | 1,146,273.05 | 1,249,711.65 | 1,350,252.16 |
| 1,163,910.10 | 998,634.09 | 1,167,354.09 | 1,273,095.56 | 2,016,451.58 |

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*See footnote on page 283.

## CONSOLIDATED

| YEAR | 1929 | 1930 | 1931 |
|---|---|---|---|
| Number of municipalities included | 259 | 267 | 275 |
| EARNINGS | | | |
| | $ c. | $ c. | $ c. |
| Domestic service | 9,873,681.57 | 10,542,903.89 | 10,972,952.10 |
| Commercial light service | 5,697,766.06 | 5,961,383.23 | 6,230,475.89 |
| Commercial power service | 9,376,158.74 | 9,340,653.28 | 9,456,224.97 |
| Municipal power | 2,086,444.24 | 2,111,482.38 | 1,967,118.54 |
| Street lighting | 1,598,262.43 | 1,674,528.03 | 1,746,855.24 |
| Merchandise* | 51,590.54* | 28,954.60* | 29,446.38* |
| Miscellaneous | 522,780.95 | 581,914.78 | 511,139.80 |
| Total earnings | 29,206,684.53 | 30,241,820.19 | 30,914,212.92 |
| EXPENSES | | | |
| Power purchased | 16,379,162.88 | 17,323,077.97 | 18,085,166.51 |
| Substation operation | 461,270.27 | 479,502.48 | 487,484.17 |
| Substation maintenance | 274,275.56 | 320,716.48 | 303,536.11 |
| Distribution system, operation and maintenance | 907,817.04 | 991,972.86 | 1,015,256.14 |
| Line transformer maintenance | 93,608.14 | 96,746.35 | 93,463.24 |
| Meter maintenance | 242,126.27 | 278,379.43 | 284,633.88 |
| Consumers' premises expense | 314,495.03 | 317,902.45 | 363,078.47 |
| Street lighting, operation and maintenance | 359,373.40 | 372,211.17 | 368,119.49 |
| Promotion of business | 250,844.28 | 249,070.05 | 255,956.03 |
| Billing and collecting | 695,729.42 | 745,159.02 | 792,983.99 |
| General office, salaries and expenses | 904,025.64 | 907,226.89 | 923,676.84 |
| Undistributed expense | 502,206.06 | 523,862.96 | 520,893.10 |
| Truck operation and maintenance | 110,630.62 | 112,029.82 | 107,918.93 |
| Interest | 2,152,695.49 | 2,220,214.45 | 2,328,094.32 |
| Sinking fund and principal payments on debentures | 1,687,201.64 | 1,828,061.62 | 2,061,718.79 |
| Total expenses | 25,335,461.74 | 26,766,134.00 | 27,991,980.01 |
| Surplus | 3,871,222.79 | 3,475,686.19 | 2,922,232.91 |
| Depreciation and other reserves | 1,469,846.83 | 1,574,991.68 | 1,775,330.69 |
| Surplus less depreciation | 2,401,375.96 | 1,900,694.51 | 1,146,902.22 |

## OPERATING REPORT—Concluded

| 1932 | 1933 | 1934 | 1935 |
|---|---|---|---|
| 280 | 282 | 282 | 284 |
| $ c. | $ c. | $ c. | $ c. |
| 11,447,307.85 | 11,429,101.13 | 11,844,033.10 | 12,145,219.89 |
| 6,243,794.01 | 6,013,025.96 | 6,206,086.35 | 6,458,748.57 |
| 9,356,693.88 | 9,080,522.07 | 9,692,784.37 | 10,211,968.71 |
| 1,859,585.35 | 1,826,872.07 | 1,875,969.80 | 1,821,285.82 |
| 1,783,972.46 | 1,779,582.48 | 1,777,596.69 | 1,788,760.38 |
| 11,069.27* | 12,812.74* | 18,747.73* | 21,669.98* |
| 513,787.30 | 485,925.43 | 555,172.04 | 562,285.82 |
| 31,216,210.12 | 30,627,841.88 | 31,970,390.08 | 33,009,939.17 |
| 19,109,036.25 | 19,330,861.58 | 19,591,887.79 | 20,053,676.40 |
| 503,351.82 | 484,764.57 | 468,944.09 | 478,813.83 |
| 300,186.15 | 288,583.29 | 296,550.52 | 297,127.27 |
| 969,750.51 | 895,350.99 | 844,813.95 | 840,633.88 |
| 95,485.55 | 82,321.32 | 75,172.18 | 70,749.63 |
| 300,104.85 | 283,115.98 | 291,402.79 | 313,234.11 |
| 368,208.73 | 361,499.20 | 352,499.09 | 340,761.52 |
| 360,709.76 | 353,082.15 | 338,784.80 | 340,120.36 |
| 266,760.84 | 259,936.42 | 228,741.36 | 252,648.33 |
| 818,721.33 | 817,660.03 | 827,860.20 | 835,375.90 |
| 960,558.88 | 908,517.79 | 908,039.75 | 943,880.18 |
| 436,692.96 | 349,101.36 | 362,322.12 | 360,676.96 |
| 112,059.90 | 105,452.68 | 98,081.61 | 95,150.54 |
| 2,532,940.93 | 2,426,286.35 | 2,204,994.25 | 2,040,130.35 |
| 2,244,367.86 | 2,319,319.09 | 2,358,169.12 | 2,423,088.34 |
| 29,378,936.42 | 29,265,852.80 | 29,248,263.62 | 29,686,067.60 |
| 1,837,273.70 | 1,361,989.08 | 2,722,126.46 | 3,323,871.57 |
| 1,920,896.22 | 1,989,000.41 | 2,036,637.33 | 2,076,322.24 |
| 83,622.52 (loss) | 627,011.33 (loss) | 685,489.13 | 1,247,549.33 |

*Profits from the sale of merchandise. Rural service now given in "Rural Power Districts." Consult Section IX.

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM

| Municipality | Acton | Agincourt | Ailsa Craig | Alvinston | Amherstburg |
|---|---|---|---|---|---|
| Population | 1,808 | P.V. | 468 | 620 | 3,044 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 1,545.45 | | | 133.56 | |
| Substation equipment | 1,847.39 | | | | 932.00 |
| Distribution system—overhead | 24,088.47 | 8,559.03 | 7,571.03 | 14,008.12 | 34,297.91 |
| Distribution system—underground | | | | | |
| Line transformers | 11,074.91 | 3,686.18 | 1,761.29 | 2,905.49 | 15,917.83 |
| Meters | 10,675.41 | 2,576.73 | 2,443.67 | 2,972.37 | 15,874.08 |
| Street light equipment, regular | 1,850.15 | 802.74 | 404.09 | 1,090.62 | 812.44 |
| Street light equipment, ornamental | | | | | 5,598.72 |
| Miscellaneous construction expense | 2,554.17 | 81.55 | 492.36 | 791.52 | 1,912.97 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | 773.85 | |
| Total plant | 53,635.95 | 15,706.23 | 12,672.44 | 22,675.53 | 75,345.95 |
| Bank and cash balance | 2,279.95 | 2,188.57 | 6,628.43 | 2,845.17 | 5,760.94 |
| Securities and investments | 3,000.00 | 3,000.00 | 3,000.00 | 2,000.00 | |
| Accounts receivable | 3,615.65 | 1,597.82 | 458.91 | 3,675.84 | 3,146.01 |
| Inventories | 907.58 | | | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 44,796.68 | 6,805.43 | 11,148.92 | 10,843.14 | 34,523.13 |
| Other assets | 322.04 | | | 35.00 | 2,937.47 |
| Total assets | 108,557.85 | 29,298.05 | 33,908.70 | 42,074.68 | 121,713.50 |
| Deficit | | | | | |
| Total | 108,557.85 | 29,298.05 | 33,908.70 | 42,074.68 | 121,713.50 |
| LIABILITIES | | | | | |
| Debenture balance | | 2,187.98 | | 10,177.49 | 18,719.13 |
| Accounts payable | | | 154.74 | | |
| Bank overdraft | | | | | |
| Other liabilities | 736.92 | | 106.00 | 35.00 | 7,259.97 |
| Total liabilities | 736.92 | 2,187.98 | 260.74 | 10,212.49 | 25,979.10 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 44,796.68 | 6,805.43 | 11,148.92 | 10,843.14 | 34,523.13 |
| For depreciation | 10,371.35 | 2,289.63 | 5,382.77 | 6,033.62 | 17,629.77 |
| Other reserves | | | | 75.00 | 316.44 |
| Total reserves | 55,168.03 | 9,095.06 | 16,531.69 | 16,951.76 | 52,469.34 |
| SURPLUS | | | | | |
| Debentures paid | 14,500.00 | 5,884.67 | 6,883.38 | 13,351.75 | 13,334.47 |
| Local sinking fund | | | | | |
| Operating surplus | 38,152.90 | 12,130.34 | 10,232.89 | 1,558.68 | 29,930.59 |
| Total surplus | 52,652.90 | 18,015.01 | 17,116.27 | 14,910.43 | 43,265.06 |
| Total liabilities, reserves and surplus | 108,557.85 | 29,298.05 | 33,908.70 | 42,074.68 | 121,713.50 |
| Percentage of net debt to total assets | 1.1 | 9.7 | 1.1 | 32.7 | 24.9 |

NOTE.—In computing the "percentage of net debt to total assets," the ornamental street lighting capital, sinking fund on local debentures, and equity in H-E.P.C. systems, "A"

## Hydro Municipalities as at December 31, 1935

| Ancaster Twp. | Arkona 391 | Aylmer 1,985 | Ayr 769 | Baden P.V. | Beachville P.V. | Belle River 742 | Blenheim 1,664 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| .......... | .......... | 9,019.23 | 125.00 | 660.64 | 176.13 | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | | 909.64 |
| 16,114.42 | 9,572.99 | 20,787.46 | 12,487.37 | 7,486.26 | 14,029.99 | 16,532.02 | 26,938.87 |
| 10,742.40 | 1,706.44 | 10,691.41 | 3,850.56 | 4,136.42 | 3,550.21 | 3,977.45 | 8,561.46 |
| 4,318.13 | 1,584.70 | 10,225.00 | 3,664.41 | 3,086.75 | 3,187.77 | 3,674.08 | 9,279.00 |
| 1,368.59 | 720.25 | 1,792.47 | 628.42 | 447.45 | 444.23 | 924.29 | 3,368.26 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 1,482.97 |
| 428.76 | 218.73 | 1,122.18 | 941.79 | .......... | 602.04 | 1,025.78 | 916.48 |
| .......... | 1,030.30 | 6,719.17 | 4,002.53 | .......... | .......... | .......... | .......... |
| 32,972.30 | 14,833.41 | 60,356.92 | 25,700.08 | 15,817.52 | 21,990.37 | 26,133.62 | 51,456.68 |
| .......... | .......... | 5,287.72 | .......... | 6,414.14 | 1,427.65 | 3,482.53 | 7,614.56 |
| .......... | .......... | 12,000.00 | .......... | .......... | 4,000.00 | 3,000.00 | .......... |
| 1,656.75 | 409.18 | 2,359.26 | 1,183.18 | 209.37 | 820.72 | 1,281.89 | 1,220.65 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 488.83 |
| 10,610.66 | 3,891.23 | 28,061.65 | 10,014.33 | 22,691.61 | 28,519.48 | 6,567.58 | 25,665.12 |
| .......... | .......... | 111.00 | 517.29 | .......... | .......... | .......... | .......... |
| 45,239.71 | 19,133.82 | 108,176.55 | 37,414.88 | 45,132.64 | 56,758.22 | 40,465.62 | 86,445.84 |
| .......... | 1,641.67 | .......... | .......... | .......... | .......... | .......... | .......... |
| 45,239.71 | 20,775.49 | 108,176.55 | 37,414.88 | 45,132.64 | 56,758.22 | 40,465.62 | 86,445.84 |
| 7,285.84 | 8,515.03 | 17,430.97 | 6,195.95 | 1,650.91 | 1,805.87 | 4,601.89 | 7,486.00 |
| 1,305.22 | 1,639.87 | 2,168.90 | .......... | .......... | 96.15 | 166.26 | 806.90 |
| 473.32 | 176.78 | .......... | 140.80 | .......... | .......... | .......... | .......... |
| 155.32 | 14.17 | 111.00 | .......... | .......... | .......... | 142.00 | 1,731.47 |
| 9,219.70 | 10,345.85 | 19,710.87 | 6,336.75 | 1,650.91 | 1,902.02 | 4,910.15 | 10,024.37 |
| 10,610.66 | 3,891.23 | 28,061.65 | 10,014.33 | 22,691.61 | 28,519.48 | 6,567.58 | 25,665.12 |
| 7,403.58 | 1,940.61 | 12,284.88 | 4,766.83 | 2,214.12 | 5,994.88 | 6,051.02 | 12,690.99 |
| .......... | .......... | 395.89 | .......... | .......... | .......... | 5,000.00 | 39.22 |
| 18,014.24 | 5,831.84 | 40,742.42 | 14,781.16 | 24,905.73 | 34,514.36 | 17,618.60 | 38,395.33 |
| 3,503.74 | 4,597.80 | 21,270.95 | 11,307.43 | 3,349.09 | 3,547.13 | 3,898.11 | 6,514.00 |
| 14,502.03 | .......... | 26,452.31 | 4,989.54 | 15,226.91 | 16,794.71 | 14,038.76 | 31,512.14 |
| 18,005.77 | 4,597.80 | 47,723.26 | 16,296.97 | 18,576.00 | 20,341.84 | 17,936.87 | 38,026.14 |
| 45,239.71 | 20,775.49 | 108,176.55 | 37,414.88 | 45,132.64 | 56,758.22 | 40,465.62 | 86,445.84 |
| 26.6 | 67.9 | 24.5 | 23.1 | 7.4 | 6.7 | 14.5 | 14.4 |

are excluded from assets; and the total liabilities are reduced by the amount of the local sinking fund reserve, and the liability in respect to the ornamental street lighting capital, which amount is included in other liabilities.

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Blyth | Bolton | Bothwell | Brampton | Brantford |
|---|---|---|---|---|---|
| Population | 615 | 560 | 698 | 5,487 | 30,691 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  |  |  | 5,355.12 | 101,567.68 |
| Substation equipment |  |  |  | 24,742.53 | 165,694.39 |
| Distribution system—overhead | 11,466.08 | 9,970.72 | 6,108.15 | 50,420.59 | 232,973.17 |
| Distribution system—underground |  |  |  |  |  |
| Line transformers | 2,449.70 | 4,296.34 | 2,753.37 | 30,653.19 | 116,716.91 |
| Meters | 2,016.38 | 3,080.82 | 2,867.97 | 27,494.56 | 119,818.07 |
| Street light equipment, regular | 1,284.19 | 856.19 | 209.51 | 2,645.94 | 24,036.06 |
| Street light equipment, ornamental |  |  | 4,431.19 |  | 38,922.18 |
| Miscellaneous construction expense | 276.29 | 1,050.06 | 507.28 | 18,194.72 | 32,429.16 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant | 2,332.68 | 1,554.60 |  |  | 7,257.00 |
| Plant not distributed |  |  |  |  | 200,000.00 |
| Total plant | 19,825.32 | 20,808.73 | 16,877.47 | 159,506.65 | 1,039,414.62 |
| Bank and cash balance | 2,234.47 | 1,392.65 | 3,273.90 | 7,867.70 | 9,534.94 |
| Securities and investments |  | 1,500.00 | 11,000.00 | 4,722.07 |  |
| Accounts receivable | 1,193.26 | 726.44 | 513.37 | 4,135.96 | 37,312.81 |
| Inventories |  |  | 30.78 | 211.53 | 14,753.49 |
| Sinking fund on local debentures |  |  |  |  |  |
| Equity in H-E.P.C. systems | 6,298.26 | 12,541.24 | 12,873.35 | 113,992.52 | 591,756.29 |
| Other assets |  |  |  |  | 21,502.38 |
| Total assets | 29,551.31 | 36,969.06 | 44,568.87 | 290,436.43 | 1,714,274.53 |
| Deficit |  |  |  |  |  |
| Total | 29,551.31 | 36,969.06 | 44,568.87 | 290,436.43 | 1,714,274.53 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 6,869.66 | 4,856.64 | 2,673.51 | 8,899.01 | 131,500.00 |
| Accounts payable |  | 38.51 | 295.36 | 930.24 | 4,299.38 |
| Bank overdraft |  |  |  |  |  |
| Other liabilities | 140.00 |  | 1,171.22 |  | *127,030.40 |
| Total liabilities | 7,009.66 | 4,895.15 | 4,140.09 | 9,829.25 | 262,829.78 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 6,298.26 | 12,541.24 | 12,873.35 | 113,992.52 | 591,756.29 |
| For depreciation | 3,437.17 | 6,061.64 | 6,873.07 | 50,177.43 | 228,500.10 |
| Other reserves |  |  | 25.02 | 168.35 | 134,826.95 |
| Total reserves | 9,735.43 | 18,602.88 | 19,771.44 | 164,338.30 | 955,083.34 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 9,399.37 | 7,643.36 | 2,860.68 | 60,151.63 | 398,500.00 |
| Local sinking fund |  |  |  |  |  |
| Operating surplus | 3,406.85 | 5,827.67 | 17,796.66 | 56,117.25 | 97,861.41 |
| Total surplus | 12,806.22 | 13,471.03 | 20,657.34 | 116,268.88 | 496,361.41 |
| Total liabilities, reserves and surplus | 29,551.31 | 36,969.06 | 44,568.87 | 290,436.43 | 1,714,274.53 |
| Percentage of net debt to total assets | 30.1 | 20.0 | 11.0 | 5.7 | 20.7 |

*Includes a balance of $73,562.60 on purchase agreement.

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Brantford Twp. | Bridgeport P.V. | Brigden P.V. | Brussels 786 | Burford P.V. | Burgessville P.V. | Caledonia 1,300 | Campbellville P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | 101.03 | | 202.00 | | | |
| 1,192.71 | | | | | | | |
| 53,449.60 | 9,720.65 | 7,181.72 | 13,614.29 | 9,277.77 | 3,501.22 | 17,852.19 | 2,973.19 |
| | | | | | | | |
| 17,044.17 | 3,979.30 | 2,060.02 | 2,402.70 | 2,983.01 | 1,203.50 | 6,432.74 | 718.23 |
| 12,285.66 | 2,217.15 | 2,238.85 | 3,867.94 | 3,493.95 | 966.40 | 6,371.25 | 567.30 |
| 4,530.04 | 1,602.69 | 464.90 | 1,587.79 | 425.14 | 261.02 | 1,582.94 | 283.06 |
| | | | | | | | |
| 2,901.28 | 605.86 | 888.11 | 1,572.29 | 703.48 | 457.22 | 752.91 | 45.82 |
| | | | | | | | |
| | | 1,381.00 | 2,827.50 | | | | |
| | | | | | | | |
| 91,403.46 | 18,125.65 | 14,315.63 | 25,872.51 | 17,085.35 | 6,389.36 | 32,992.03 | 4,587.60 |
| 2,991.61 | 117.17 | 1,173.83 | 6,407.70 | 2,127.72 | 80.19 | 1,757.93 | 657.17 |
| | | | | 4,000.00 | | 2,000.00 | 1,000.00 |
| 774.45 | 426.64 | 434.82 | 1,217.74 | 259.57 | 141.39 | 563.94 | 341.33 |
| | | | | | | | |
| 3,983.73 | | | | | | | |
| 20,586.32 | 3,604.75 | 8,440.98 | 8,659.54 | 9,293.09 | 3,776.88 | 15,119.03 | 1,547.26 |
| 1,659.24 | 102.15 | 10.00 | | 42.08 | | | |
| 121,398.81 | 22,376.36 | 24,375.26 | 42,157.49 | 32,807.81 | 10,387.82 | 52,432.93 | 8,133.36 |
| | | | | | | | |
| 121,398.81 | 22,376.36 | 24,375.26 | 42,157.49 | 32,807.81 | 10,387.82 | 52,432.93 | 8,133.36 |
| 16,469.42 | 10,668.15 | 317.11 | 11,131.40 | | | 1,255.32 | 3,031.82 |
| 331.72 | 224.03 | | 1,757.28 | 33.82 | 505.28 | 8.27 | |
| | | | | | | | |
| 1,659.24 | 102.15 | 10.00 | | 42.08 | | | |
| 18,460.38 | 10,994.33 | 327.11 | 12,888.68 | 75.90 | 505.28 | 1,263.59 | 3,031.82 |
| 20,586.32 | 3,604.75 | 8,440.98 | 8,659.54 | 9,293.09 | 3,776.88 | 15,119.03 | 1,547.26 |
| 21,725.07 | 5,502.00 | 3,790.14 | 5,211.41 | 4,876.53 | 2,471.09 | 2,845.95 | 917.54 |
| 69.67 | | 78.89 | | | 85.41 | | |
| 42,381.06 | 9,106.75 | 12,310.01 | 13,870.95 | 14,169.62 | 6,333.38 | 17,964.98 | 2,464.80 |
| 40,656.24 | 1,699.88 | 7,682.89 | 9,868.60 | 9,000.00 | 3,500.00 | 3,368.68 | 2,415.95 |
| 3,983.73 | | | | | | | |
| 15,917.40 | 575.40 | 4,055.25 | 5,529.26 | 9,562.29 | 49.16 | 29,835.68 | 220.79 |
| 60,557.37 | 2,275.28 | 11,738.14 | 15,397.86 | 18,562.29 | 3,549.16 | 33,204.36 | 2,636.74 |
| 121,398.81 | 22,376.36 | 24,375.26 | 42,157.49 | 32,807.81 | 10,387.82 | 52,432.93 | 8,133.36 |
| 14.9 | 58.5 | 2.0 | 38.5 | 0.3 | 7.6 | 3.4 | 46.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Cayuga | Chatham | Chippawa | Clifford | Clinton |
|---|---|---|---|---|---|
| Population | 668 | 16,284 | 1,143 | 423 | 1,863 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  | 46,616.76 | 631.50 |  | 8,760.82 |
| Substation equipment |  | 113,072.81 |  |  | 7,544.43 |
| Distribution system—overhead | 14,666.02 | 163,187.56 | 19,123.86 | 7,698.14 | 23,314.71 |
| Distribution system—underground |  | 82,706.67 |  |  |  |
| Line transformers | 3,162.29 | 87,386.96 | 6,107.56 | 1,069.66 | 8,743.73 |
| Meters | 2,851.50 | 69,203.87 | 4,798.92 | 2,277.39 | 9,795.83 |
| Street light equipment, regular | 942.83 | 18,843.16 | 1,898.61 | 687.42 | 1,313.03 |
| Street light equipment, ornamental |  | 35,426.10 |  |  |  |
| Miscellaneous construction expense | 479.47 | 32,325.05 | 1,073.52 | 37.44 | 3,695.49 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant |  | 42,752.31 |  |  | 10,658.09 |
| Total plant | 22,102.11 | 691,521.25 | 33,633.97 | 11,770.05 | 73,826.13 |
| Bank and cash balance | 933.85 | 29,070.84 | 1,987.94 | 806.84 | 2,618.52 |
| Securities and investments | 1,500.00 |  |  |  | 3,000.00 |
| Accounts receivable | 484.11 | 28,274.33 | 284.49 | 586.26 | 1,724.88 |
| Inventories | 210.29 | 4,566.73 |  |  | 2,451.43 |
| Sinking fund on local debentures |  |  |  |  | 37,806.02 |
| Equity in H-E.P.C. systems | 6,037.63 | 268,596.84 | 11,744.11 | 4,355.36 | 32,049.85 |
| Other assets |  | 4,837.09 | 230.00 |  |  |
| Total assets | 31,267.99 | 1,026,867.08 | 47,880.51 | 17,518.51 | 153,476.83 |
| Deficit |  |  |  |  |  |
| Total | 31,267.99 | 1,026,867.08 | 47,880.51 | 17,518.51 | 153,476.83 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 11,635.11 | 213,885.02 | 4,778.26 | 6,389.35 | 44,500.00 |
| Accounts payable |  | 23,276.07 | 239.48 | 270.91 |  |
| Bank overdraft |  |  |  |  |  |
| Other liabilities | 55.00 | 40,248.26 | 219.00 |  | 283.81 |
| Total liabilities | 11,690.11 | 277,409.35 | 5,236.74 | 6,660.26 | 44,783.81 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 6,037.63 | 268,596.84 | 11,744.11 | 4,355.36 | 32,049.85 |
| For depreciation | 3,929.46 | 138,131.44 | 7,638.94 | 1,974.13 | 23,381.27 |
| Other reserves |  | 4,596.94 |  |  | 611.25 |
| Total reserves | 9,967.09 | 411,325.22 | 19,383.05 | 6,329.49 | 56,042.37 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 8,364.89 | 156,114.98 | 8,571.74 | 1,610.65 |  |
| Local sinking fund |  |  |  |  | 37,806.02 |
| Operating surplus | 1,245.90 | 182,017.53 | 14,688.98 | 2,918.11 | 14,844.63 |
| Total surplus | 9,610.79 | 338,132.51 | 23,260.72 | 4,528.76 | 52,650.65 |
| Total liabilities, reserves and surplus | 31,267.99 | 1,026,867.08 | 47,880.51 | 17,518.51 | 153,476.83 |
| Percentage of net debt to total assets | 46.0 | 33.5 | 14.4 | 50.6 | 11.5 |

### "A"—Continued

### Hydro Municipalities as at December 31, 1935

| Comber<br>P.V. | Cottam<br>P.V. | Courtright<br>332 | Dashwood<br>P.V. | Delaware<br>P.V. | Dorchester<br>P.V. | Drayton<br>569 | Dresden<br>1,479 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | | | | | | |
| | | | | | | | 523.00 |
| 7,399.92 | 9,519.71 | 6,539.99 | 3,412.91 | 3,898.39 | 8,655.91 | 9,331.97 | 18,659.05 |
| | | | | | | | |
| 3,422.04 | 1,661.26 | 1,225.40 | 1,600.44 | 1,001.44 | 3,126.91 | 3,328.48 | 7,524.07 |
| 2,449.92 | 1,778.79 | 880.37 | 1,378.45 | 1,006.77 | 2,441.33 | 3,320.22 | 6,065.27 |
| 384.93 | 366.43 | 425.08 | 353.42 | 148.08 | 641.67 | 673.50 | 1,127.48 |
| | | | | | | | |
| 1,061.77 | 229.14 | 558.67 | 291.87 | 203.81 | 328.41 | 401.02 | 1,605.36 |
| | | | | | | | |
| | | | | | | | 4,815.01 |
| 14,718.58 | 13,555.33 | 9,629.51 | 7,037.09 | 6,258.49 | 15,194.23 | 17,055.19 | 40,319.24 |
| 3,821.38 | 1,150.90 | 1,009.41 | 1,209.64 | 1,048.01 | 1,375.86 | 2,263.05 | 808.61 |
| | 3,000.00 | | 1,500.00 | 3,000.00 | 2,000.00 | 3,000.00 | 2,000.00 |
| 935.10 | 201.39 | 371.90 | 865.74 | 306.10 | 343.17 | 885.82 | 2,815.79 |
| | | | | | | | 393.93 |
| | | | | | | | |
| 13,448.48 | 2,584.31 | 3,817.45 | 5,794.50 | 2,013.55 | 4,992.59 | 8,348.85 | 21,667.93 |
| | | | | | 26.00 | | 138.00 |
| 32,923.54 | 20,491.93 | 14,828.27 | 16,406.97 | 12,626.15 | 23,931.85 | 31,552.91 | 68,143.50 |
| | | | | | | | |
| 32,923.54 | 20,491.93 | 14,828.27 | 16,406.97 | 12,626.15 | 23,931.85 | 31,552.91 | 68,143.50 |
| 973.20 | 6,094.71 | 2,212.58 | 1,889.32 | 1,849.18 | 2,160.31 | 5,786.24 | |
| | 12.39 | | 81.24 | 342.88 | 36.56 | 5.80 | 184.71 |
| | | | | | | | |
| 17.00 | 115.00 | | | | 26.00 | | 138.00 |
| 990.20 | 6,222.10 | 2,212.58 | 1,970.56 | 2,192.06 | 2,222.87 | 5,792.04 | 322.71 |
| 13,448.48 | 2,584.31 | 3,817.45 | 5,794.50 | 2,013.55 | 4,992.59 | 8,348.85 | 21,667.93 |
| 5,193.34 | 3,154.63 | 1,562.15 | 2,349.52 | 1,178.58 | 2,152.97 | 6,012.31 | 5,056.14 |
| | | | | 30.00 | 64.15 | | 267.44 |
| 18,641.82 | 5,738.94 | 5,379.60 | 8,144.02 | 3,222.13 | 7,209.71 | 14,361.16 | 26,991.51 |
| 6,726.80 | 2,905.51 | 5,925.77 | 1,510.68 | 2,150.82 | 2,139.69 | 3,713.76 | 16,238.25 |
| | | | | | | | |
| 6,564.72 | 5,625.38 | 1,310.32 | 4,781.71 | 5,061.14 | 12,359.58 | 7,685.95 | 24,591.03 |
| 13,291.52 | 8,530.89 | 7,236.09 | 6,292.39 | 7,211.96 | 14,499.27 | 11,399.71 | 40,829.28 |
| 32,923.54 | 20,491.93 | 14,828.27 | 16,406.97 | 12,626.15 | 23,931.85 | 31,552.91 | 68,143.50 |
| 5.0 | 34.7 | 20.1 | 18.6 | 20.6 | 11.7 | 25.0 | 0.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Drumbo | Dublin | Dundas | Dunnville | Dutton |
|---|---|---|---|---|---|
| Population | P.V. | P.V. | 4,983 | 3,746 | 780 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | | 12,111.11 | 3,356.09 | |
| Substation equipment | | | 13,396.22 | 27,507.57 | |
| Distribution system—overhead | 4,603.91 | 5,787.61 | 50,286.99 | 37,775.37 | 9,094.18 |
| Distribution system—underground | | | | | |
| Line transformers | 1,651.50 | 897.65 | 19,634.79 | 18,380.09 | 3,425.25 |
| Meters | 1,863.92 | 874.11 | 20,066.33 | 16,701.76 | 3,376.79 |
| Street light equipment, regular | 262.27 | 544.86 | 10,834.15 | 8,012.37 | 659.31 |
| Street light equipment, ornamental | | | 1,154.52 | | |
| Miscellaneous construction expense | 235.58 | 787.06 | 7,061.70 | 5,740.41 | 317.62 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | 1,867.38 | 10,717.62 | |
| Total plant | 8,617.18 | 8,891.29 | 136,413.19 | 128,191.28 | 16,873.15 |
| Bank and cash balance | 4,139.37 | 768.33 | 12,243.81 | 8,136.66 | 1,653.27 |
| Securities and investments | | | 1,500.00 | 10,000.00 | 2,500.00 |
| Accounts receivable | 335.21 | 139.40 | 4,827.05 | 6,423.49 | 500.25 |
| Inventories | | | 373.13 | 1,330.80 | 4.86 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 4,433.95 | 4,028.53 | 97,408.16 | 40,252.46 | 13,513.02 |
| Other assets | | | 4,424.02 | | 90.13 |
| Total assets | 17,525.71 | 13,827.55 | 257,189.36 | 194,334.69 | 35,134.68 |
| Deficit | | 765.62 | | | |
| Total | 17,525.71 | 14,593.17 | 257,189.36 | 194,334.69 | 35,134.68 |
| LIABILITIES | | | | | |
| Debenture balance | 2,080.67 | 396.66 | 21,356.60 | 44,512.13 | |
| Accounts payable | 125.85 | 786.78 | 231.98 | 4,065.19 | 438.67 |
| Bank overdraft | | | | | |
| Other liabilities | | | 5,283.88 | 1,502.24 | 67.21 |
| Total liabilities | 2,206.52 | 1,183.44 | 26,872.46 | 50,079.56 | 505.88 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 4,433.95 | 4,028.53 | 97,408.16 | 40,252.46 | 13,513.02 |
| For depreciation | 3,492.76 | 3,577.86 | 48,719.45 | 30,153.73 | 6,785.56 |
| Other reserves | | | 159.73 | | 29.38 |
| Total reserves | 7,926.71 | 7,606.39 | 146,287.34 | 70,406.19 | 20,327.96 |
| SURPLUS | | | | | |
| Debentures paid | 2,419.33 | 5,803.34 | 31,643.40 | 30,987.87 | 8,407.49 |
| Local sinking fund | | | | | |
| Operating surplus | 4,973.15 | | 52,386.16 | 42,861.07 | 5,893.35 |
| Total surplus | 7,392.48 | 5,803.34 | 84,029.56 | 73,848.94 | 14,300.84 |
| Total liabilities, reserves and surplus | 17,525.71 | 14,593.17 | 257,189.36 | 194,334.69 | 35,134.68 |
| Percentage of net debt to total assets | 16.8 | 12.1 | 16.2 | 32.5 | 2.3 |

"A"—Continued

**Hydro Municipalities as at December 31, 1935**

| East Windsor 14,606 | East York Twp. | Elmira 2,650 | Elora 1,133 | Embro 408 | Erieau 281 | Erie Beach 23 | Essex 1,689 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ...... | 17,018.18 | 7,419.77 | 1,524.54 | ...... | ...... | ...... | ...... |
| ...... | 8,893.55 | ...... | ...... | ...... | ...... | ...... | ...... |
| 175,946.95 | 287,900.81 | 34,909.34 | 17,215.85 | 9,737.08 | 9,459.93 | 2,005.75 | 36,062.30 |
| ...... | | | | | ...... | | 442.55 |
| 77,205.79 | 79,862.50 | 15,439.13 | 7,316.65 | 3,039.64 | 1,574.00 | 613.17 | 15,011.34 |
| 60,473.47 | 142,586.73 | 12,558.81 | 5,909.72 | 2,075.18 | 2,499.65 | 682.67 | 10,957.37 |
| ...... | 20,705.20 | 1,377.20 | 1,245.99 | 535.73 | 246.10 | ...... | 1,548.10 |
| 89,295.42 | | | ...... | ...... | ...... | ...... | 7,205.06 |
| 4,001.13 | 13,240.35 | 3,282.26 | 1,190.41 | 69.45 | 379.90 | 375.03 | 2,123.90 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| ...... | ...... | 2,168.08 | 1,425.47 | 429.25 | ...... | ...... | ...... |
| 406,922.76 | 570,207.32 | 77,154.59 | 35,828.63 | 15,886.33 | 14,159.58 | 3,676.62 | 73,350.62 |
| 86,241.82 | 9,707.52 | ...... | 313.85 | 2,594.24 | 989.41 | 831.62 | 9,836.42 |
| ...... | 2,812.91 | ...... | 7,000.00 | 1,000.00 | ...... | ...... | 5,000.00 |
| 49,461.61 | 11,836.90 | 2,342.25 | 1,469.98 | 655.57 | 672.19 | 211.22 | 2,186.40 |
| ...... | 5,776.74 | ...... | 560.59 | ...... | ...... | ...... | ...... |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 154,123.72 | 158,926.51 | 55,401.65 | 26,637.68 | 7,855.35 | 3,910.34 | 962.65 | 19,692.25 |
| ...... | ...... | 794.39 | 34.92 | 5.00 | ...... | 30.91 | 551.48 |
| 696,749.91 | 759,267.90 | 135,692.88 | 71,845.65 | 27,996.49 | 19,731.52 | 5,713.02 | 110,617.17 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 696,749.91 | 759,267.90 | 135,692.88 | 71,845.65 | 27,996.49 | 19,731.52 | 5,713.02 | 110,617.17 |
| 84,161.16 | 230,007.25 | 21,172.95 | 2,170.15 | 2,265.86 | 3,830.58 | 2,269.30 | 17,970.05 |
| 52,772.82 | 38,418.41 | 2,407.13 | 187.51 | 542.15 | 53.48 | ...... | 1,234.32 |
| ...... | ...... | 651.96 | ...... | ...... | ...... | ...... | ...... |
| 89,295.42 | 16,003.34 | 794.39 | 681.25 | 5.00 | 30.00 | ...... | 7,756.54 |
| 226,229.40 | 284,429.00 | 25,026.43 | 3,038.91 | 2,813.01 | 3,914.06 | 2,269.30 | 26,960.91 |
| 154,123.72 | 158,926.51 | 55,401.65 | 26,637.68 | 7,855.35 | 3,910.34 | 962.65 | 19,692.25 |
| 59,282.89 | 69,041.23 | 18,647.65 | 12,651.07 | 5,417.31 | 2,400.90 | 406.31 | 14,319.31 |
| 13,451.74 | 5,127.44 | ...... | ...... | 50.00 | 30.00 | ...... | 372.59 |
| 226,858.35 | 233,095.18 | 74,049.30 | 39,288.75 | 13,322.66 | 6,341.24 | 1,368.96 | 34,384.15 |
| 64,838.84 | 127,060.53 | 15,995.55 | 10,829.85 | 5,234.14 | 3,052.55 | 1,030.70 | 4,529.95 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 178,823.32 | 114,683.19 | 20,621.60 | 18,688.14 | 6,626.68 | 6,423.67 | 1,044.06 | 44,742.16 |
| 243,662.16 | 241,743.72 | 36,617.15 | 29,517.99 | 11,860.82 | 9,476.22 | 2,074.76 | 49,272.11 |
| 696,749.91 | 759,267.90 | 135,692.88 | 71,845.65 | 27,996.49 | 19,731.52 | 5,713.02 | 110,617.17 |
| 28.0 | 47.4 | 31.2 | 6.7 | 14.0 | 24.7 | 47.8 | 23.6 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Etobicoke Twp. | Exeter | Fergus | Fonthill | Forest |
|---|---|---|---|---|---|
| Population |  | 1,597 | 2,520 | 808 | 1,496 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 26,674.19 | 3,281.59 |  |  | 6,447.40 |
| Substation equipment |  |  |  |  |  |
| Distribution system—overhead | 276,626.26 | 28,704.89 | 34,061.77 | 11,172.41 | 20,151.56 |
| Distribution system—underground |  |  |  |  |  |
| Line transformers | 72,458.08 | 10,670.88 | 19,160.25 | 4,877.07 | 9,673.21 |
| Meters | 55,678.85 | 8,105.35 | 12,517.14 | 4,331.41 | 9,589.06 |
| Street light equipment, regular | 12,165.26 | 1,026.85 | 2,309.20 | 1,056.80 | 2,369.94 |
| Street light equipment, ornamental | 2,689.44 | 4,038.63 |  |  |  |
| Miscellaneous construction expense | 4,346.09 | 1,934.86 | 1,428.23 | 3,806.65 | 987.58 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant |  |  | 2,546.59 |  | 11,042.87 |
| Total plant | 450,638.17 | 57,763.05 | 72,023.18 | 25,244.34 | 60,261.62 |
| Bank and cash balance | 2,643.51 | 4,421.21 |  | 1,689.80 | 6,597.03 |
| Securities and investments |  | 8,000.00 |  |  | 7,500.00 |
| Accounts receivable | 11,356.09 | 2,960.96 | 4,578.55 | 277.27 | 4,427.16 |
| Inventories | 5,611.46 | 1,167.55 | 110.54 |  | 1,931.70 |
| Sinking fund on local debentures |  |  |  |  |  |
| Equity in H-E.P.C. systems | 122,580.85 | 28,378.77 | 37,243.91 | 3,785.03 | 21,046.64 |
| Other assets |  |  | 206.04 | 295.77 |  |
| Total assets | 592,830.08 | 102,691.54 | 114,162.22 | 31,292.21 | 101,764.15 |
| Deficit |  |  |  |  |  |
| Total | 592,830.08 | 102,691.54 | 114,162.22 | 31,292.21 | 101,764.15 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 160,437.12 | 6,143.75 | 16,205.98 | 14,691.62 | 8,380.12 |
| Accounts payable | 30,158.12 | 233.48 | 2,776.58 | 1,380.85 | 149.60 |
| Bank overdraft |  |  | 130.80 |  |  |
| Other liabilities | 8,374.42 | 226.25 | 25.00 | 275.62 | 39.06 |
| Total liabilities | 198,969.66 | 6,603.48 | 19,138.36 | 16,348.09 | 8,568.78 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 122,580.85 | 28,378.77 | 37,243.91 | 3,785.03 | 21,046.64 |
| For depreciation | 78,413.39 | 11,578.14 | 9,593.97 | 2,399.46 | 13,708.41 |
| Other reserves | 696.55 | 69.94 | 350.00 |  | 50.00 |
| Total reserves | 201,690.79 | 40,026.85 | 47,187.88 | 6,184.49 | 34,805.05 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 105,258.28 | 13,856.30 | 25,794.02 | 7,808.38 | 26,019.88 |
| Local sinking fund |  |  |  |  |  |
| Operating surplus | 86,911.35 | 42,204.91 | 22,041.96 | 951.25 | 32,370.44 |
| Total surplus | 192,169.63 | 56,061.21 | 47,835.98 | 8,759.63 | 58,390.32 |
| Total liabilities, reserves and surplus | 592,830.08 | 102,691.54 | 114,162.22 | 31,292.21 | 101,764.15 |
| Percentage of net debt to total assets | 42.0 | 8.9 | 24.9 | 60.0 | 10.6 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1935

| Galt<br>13,715 | Georgetown<br>2,203 | Glencoe<br>833 | Goderich<br>4,383 | Granton<br>P.V. | Geulph<br>20,882 | Hagersville<br>1,399 | Hamilton<br>154,276 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 201,705.30 | | 3,102.65 | 13,569.89 | | 13,380.18 | | 929,173.15 |
| 113,516.86 | | | 34,402.48 | | 157,622.04 | 864.37 | 1,760,666.67 |
| 239,888.09 | 32,206.07 | 20,893.68 | 67,313.23 | 4,339.20 | 187,174.43 | 20,509.07 | 1,194,372.17 |
| | | | | | | | 840,949.39 |
| 115,843.30 | 18,366.51 | 6,325.45 | 18,339.18 | 1,533.55 | 89,451.88 | 10,075.72 | 881,821.58 |
| 69,104.84 | 14,032.49 | 4,202.13 | 19,377.93 | 1,500.40 | 93,795.83 | 8,660.25 | 646,549.35 |
| 72,802.91 | 1,364.67 | 1,726.23 | 4,853.77 | 163.37 | 42,554.24 | 1,040.67 | 278,930.72 |
| | | | | | | | |
| 24,083.95 | 2,295.28 | 3,356.43 | 5,553.66 | 113.08 | 15,328.20 | 924.36 | 204,326.82 |
| | | | | | | | |
| | 2,209.80 | | 14,622.15 | | | | 30,172.43 |
| 836,945.25 | 70,474.82 | 39,606.57 | 178,032.29 | 7,649.60 | 599,306.80 | 42,074.44 | 6,766,962.28 |
| 12,228.83 | 3,154.49 | 2,391.22 | 10,341.55 | 2,897.55 | 24,445.02 | 6,934.29 | 215,906.15 |
| | 7,485.90 | | 5,000.00 | 2,000.00 | | 12,000.00 | |
| 63,793.93 | 4,970.91 | 2,120.09 | 4,597.31 | 238.39 | 32,612.67 | 408.49 | 361,614.05 |
| 12,170.41 | 123.43 | 63.36 | 962.62 | | 21,731.07 | | 138,612.22 |
| 89,280.41 | | | | | 4,051.93 | | 376,913.53 |
| 374,184.32 | 68,202.07 | 13,398.45 | 84,930.94 | 5,723.35 | 449,329.17 | 55,382.54 | 2,860,870.37 |
| 2,520.85 | 545.85 | 31.89 | 2,011.50 | | 2,532.56 | | 4,743.15 |
| 1,391,124.00 | 154,957.47 | 57,611.58 | 285,876.21 | 18,508.89 | 1,134,009.22 | 116,799.76 | 10,725,621.75 |
| | | | | | | | |
| 1,391,124.00 | 154,957.47 | 57,611.58 | 285,876.21 | 18,508.89 | 1,134,009.22 | 116,799.76 | 10,725,621.75 |
| 242,734.19 | 9,022.67 | 6,432.01 | 45,244.46 | 1,871.69 | 5,000.00 | 2,522.64 | 2,633,001.78 |
| 21,960.09 | 555.39 | | 1,320.07 | 121.34 | 24,602.92 | 58.67 | 256,604.41 |
| | | | | | | | |
| 618.40 | 503.48 | 31.89 | 2,011.50 | | 2,532.56 | | *1,416,100.22 |
| 265,312.68 | 10,081.54 | 6,463.90 | 48,576.03 | 1,993.03 | 32,135.48 | 2,581.31 | 4,305,706.41 |
| 374,184.32 | 68,202.07 | 13,398.45 | 84,930.94 | 5,723.35 | 449,329.17 | 55,382.54 | 2,860,870.37 |
| 246,343.88 | 21,859.19 | 8,596.56 | 65,670.75 | 2,563.61 | 132,397.41 | 9,504.28 | 1,040,389.14 |
| 31,986.45 | | 225.00 | 947.60 | | 1,837.88 | | 254,260.54 |
| 652,514.65 | 90,061.26 | 22,220.01 | 151,549.29 | 8,286.96 | 583,564.46 | 64,886.82 | 4,155,520.05 |
| 275,267.76 | 10,977.33 | 13,680.87 | 50,843.59 | 1,628.31 | 139,999.99 | 5,477.36 | 1,586,023.34 |
| 89,280.41 | | | | | 4,051.93 | | 376,913.53 |
| 108,748.50 | 43,837.34 | 15,246.80 | 34,907.30 | 6,600.59 | 374,257.36 | 43,854.27 | 301,458.42 |
| 473,296.67 | 54,814.67 | 28,927.67 | 85,750.89 | 8,228.90 | 518,309.28 | 49,331.63 | 2,264,395.29 |
| 1,391,124.00 | 154,957.47 | 57,611.58 | 285,876.21 | 18,508.89 | 1,134,009.22 | 116,799.76 | 10,725,621.75 |
| 18.9 | 11.6 | 14.6 | 24.2 | 15.6 | 4.1 | 4.2 | 52.4 |

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*Includes a balance of $1,362,500.00 on purchase agreement.

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Harriston | Harrow | Hensall | Hespeler | Highgate |
|---|---|---|---|---|---|
| Population | 1,329 | 934 | 697 | 2,853 | 334 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 395.25 | | | 4,474.73 | |
| Substation equipment | 600.00 | | | 27,959.26 | |
| Distribution system—overhead | 22,267.49 | 16,997.84 | 12,370.10 | 30,652.60 | 6,383.76 |
| Distribution system—underground | | | | | |
| Line transformers | 7,438.60 | 8,992.12 | 4,428.42 | 21,173.50 | 2,109.25 |
| Meters | 7,350.07 | 5,757.53 | 3,448.63 | 12,560.28 | 1,750.29 |
| Street light equipment, regular | 1,268.98 | 851.36 | 612.83 | 7,155.90 | 453.91 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 886.66 | 261.17 | 547.38 | 1,479.11 | 502.62 |
| Steam or hydraulic plant | | | | | |
| Old plant | 1,001.43 | | 400.00 | | |
| Total plant | 41,208.48 | 32,860.02 | 21,807.36 | 105,455.38 | 11,199.83 |
| Bank and cash balance | 2,619.96 | 5,279.90 | | 13,273.78 | 1,396.89 |
| Securities and investments | | | 7,000.00 | | 2,000.00 |
| Accounts receivable | 1,482.30 | 1,518.74 | 1,093.42 | 3,045.22 | 198.72 |
| Inventories | 67.97 | 165.82 | | 380.96 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 23,069.80 | 14,716.78 | 10,772.37 | 72,490.92 | 6,970.09 |
| Other assets | | | | 5.00 | |
| Total assets | 68,448.51 | 54,541.26 | 40,673.15 | 194,651.26 | 21,765.53 |
| Deficit | | | | | |
| Total | 68,448.51 | 54,541.26 | 40,673.15 | 194,651.26 | 21,765.53 |
| LIABILITIES | | | | | |
| Debenture balance | 8,676.46 | 7,116.18 | 6,171.92 | 31,031.53 | |
| Accounts payable | 244.33 | 62.20 | 9.37 | 183.34 | 10.10 |
| Bank overdraft | | | 432.70 | | |
| Other liabilities | | 409.60 | 112.50 | 5.00 | 20.00 |
| Total liabilities | 8,920.79 | 7,587.98 | 6,726.49 | 31,219.87 | 30.10 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 23,069.80 | 14,716.78 | 10,772.37 | 72,490.92 | 6,970.09 |
| For depreciation | 7,367.67 | 3,443.71 | 7,149.73 | 15,401.34 | 4,041.64 |
| Other reserves | | 47.00 | | 100.65 | |
| Total reserves | 30,437.47 | 18,207.49 | 17,922.10 | 87,992.91 | 11,011.73 |
| SURPLUS | | | | | |
| Debentures paid | 17,141.57 | 4,883.82 | 5,828.08 | 46,538.98 | 5,000.00 |
| Local sinking fund | | | | | |
| Operating surplus | 11,948.68 | 23,861.97 | 10,196.48 | 28,899.50 | 5,723.70 |
| Total surplus | 29,090.25 | 28,745.79 | 16,024.56 | 75,438.48 | 10,723.70 |
| Total liabilities, reserves and surplus | 68,448.51 | 54,541.26 | 40,673.15 | 194,651.26 | 21,765.53 |
| Percentage of net debt to total assets | 19.7 | 19.0 | 22.5 | 25.5 | 0.2 |

"A"—Continued

**Hydro Municipalities as at December 31, 1935**

| Humberstone 2,487 | Ingersoll 4,919 | Jarvis 535 | Kingsville 2,354 | Kitchener 31,328 | Lambeth P.V. | La Salle 671 | Leamington 5,004 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 15,064.45 | | 7,774.09 | 180,500.60 | | | 16,964.47 |
| | 33,283.83 | | | 218,733.96 | | | 7,085.62 |
| 26,149.88 | 55,398.44 | 9,534.60 | 32,011.28 | 329,499.87 | 6,954.60 | 19,410.66 | 52,369.45 |
| | | | | 42,970.29 | | | 11,986.90 |
| 9,181.25 | 28,267.19 | 3,151.56 | 13,641.91 | 180,648.34 | 1,883.12 | 6,716.60 | 24,430.15 |
| 7,920.35 | 25,043.53 | 2,509.84 | 13,622.72 | 186,290.18 | 2,348.71 | 4,174.22 | 23,440.44 |
| 884.80 | 3,980.93 | 876.29 | 1,439.82 | 65,909.38 | 269.16 | 946.49 | 1,380.13 |
| | 4,597.59 | | 19,200.00 | 95,816.86 | | | 15,178.49 |
| 3,234.97 | 10,433.18 | 672.71 | 1,140.14 | 20,904.79 | 300.71 | 1,510.69 | 2,343.35 |
| | | | | | | | |
| | 19,098.54 | | | 52,363.91 | | | |
| 47,371.25 | 195,167.68 | 16,745.00 | 88,829.96 | 1,373,638.18 | 11,756.30 | 32,758.66 | 155,179.00 |
| 4,032.69 | 1,455.05 | 5,197.17 | 6,079.16 | | 1,132.22 | 7,575.36 | 21,517.67 |
| | 11,716.57 | | 8,000.00 | 15,000.00 | 1,000.00 | | 8,813.81 |
| 729.64 | 2,511.72 | 205.76 | 711.35 | 59,021.57 | 175.99 | 1,492.91 | 980.91 |
| | 1,147.99 | | | 10,569.13 | | | |
| | 76,350.04 | | | | | | |
| 12,691.16 | 126,704.09 | 9,777.44 | 26,356.90 | 861,513.41 | 6,544.77 | 8,857.60 | 50,497.04 |
| 1,361.13 | 1,218.13 | | 1,905.00 | 837.60 | 60.00 | 455.06 | |
| 66,185.87 | 416,271.27 | 31,925.37 | 131,882.37 | 2,320,579.89 | 20,669.28 | 51,139.59 | 236,988.43 |
| | | | | | | | |
| 66,185.87 | 416,271.27 | 31,925.37 | 131,882.37 | 2,320,579.89 | 20,669.28 | 51,139.59 | 236,988.43 |
| 16,500.00 | 79,800.00 | 5,565.79 | 27,155.95 | 158,850.94 | | 9,946.13 | 28,464.12 |
| | 9,744.53 | 306.79 | 1,773.57 | 47,975.79 | 213.70 | 409.12 | 159.50 |
| | | | | 3,662.95 | | | |
| 1,085.70 | 5,815.72 | 40.00 | 21,105.00 | 96,654.46 | 60.00 | 455.06 | 17,844.55 |
| 17,585.70 | 95,360.25 | 5,912.58 | 50,034.52 | 307,144.14 | 273.70 | 10,810.31 | 46,468.17 |
| 12,691.16 | 126,704.09 | 9,777.44 | 26,356.90 | 861,513.41 | 6,544.77 | 8,857.60 | 50,497.04 |
| 3,522.35 | 19,543.79 | 3,008.52 | 18,125.61 | 295,439.88 | 3,323.07 | 6,947.44 | 25,892.42 |
| | 776.60 | | 840.38 | 27,796.83 | 45.24 | 485.00 | 808.46 |
| 16,213.51 | 147,024.48 | 12,785.96 | 45,322.89 | 1,184,750.12 | 9,913.08 | 16,290.04 | 77,197.92 |
| 15,500.00 | | 4,934.21 | 6,344.05 | 353,299.06 | 4,000.00 | 5,553.87 | 19,535.88 |
| | 76,350.04 | | | | | | |
| 16,886.66 | 97,536.50 | 8,292.62 | 30,180.91 | 475,386.57 | 6,482.50 | 18,485.37 | 93,786.46 |
| 32,386.66 | 173,886.54 | 13,226.83 | 36,524.96 | 828,685.63 | 10,482.50 | 24,039.24 | 113,322.34 |
| 66,185.87 | 416,271.27 | 31,925.37 | 131,882.37 | 2,320,579.89 | 20,669.28 | 51,139.59 | 236,988.43 |
| 33.0 | 6.9 | 26.7 | 35.7 | 15.5 | 1.9 | 25.6 | 18.3 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Listowel | London | London Twp. | Long Branch | Lucan |
|---|---|---|---|---|---|
| Population | 2,755 | 73,880 | | 3,776 | 604 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 1,459.49 | 448,478.24 | | | |
| Substation equipment | | 943,612.08 | | | |
| Distribution system—overhead | 39,692.09 | 788,460.51 | 18,127.53 | 52,543.82 | 10,617.69 |
| Distribution system—underground | 2,897.25 | 296,695.11 | | | |
| Line transformers | 18,268.79 | 302,859.03 | 6,148.66 | 11,939.78 | 4,131.49 |
| Meters | 16,336.44 | 341,337.28 | 4,377.09 | 17,112.41 | 3,249.02 |
| Street light equipment, regular | 1,908.23 | 68,514.45 | 902.35 | 4,266.87 | 430.15 |
| Street light equipment, ornamental | 1,348.66 | 90,608.12 | | | |
| Miscellaneous construction expense | 2,222.63 | 87,216.29 | 510.90 | 1,220.51 | 599.02 |
| Steam or hydraulic plant | | | | | |
| Old plant | 4,745.30 | | 1,733.80 | | 2,860.45 |
| Total plant | 88,878.88 | 3,367,781.11 | 31,800.33 | 87,083.39 | 21,887.82 |
| Bank and cash balance | 5,460.00 | 52,661.24 | 19.05 | 1,322.44 | 3,938.51 |
| Securities and investments | 7,000.00 | | 3,000.00 | | 5,000.00 |
| Accounts receivable | 3,127.27 | 273,546.39 | 1,528.34 | 1,049.16 | 262.05 |
| Inventories | | 109,331.97 | | | |
| Sinking fund on local debentures | | 375,380.50 | | | |
| Equity in H-E.P.C. systems | 50,677.46 | 1,562,694.08 | 11,142.97 | 11,322.70 | 13,199.17 |
| Other assets | 182.17 | 1,013.68 | 244.14 | | |
| Total assets | 155,325.78 | 5,742,408.97 | 47,734.83 | 100,777.69 | 44,287.55 |
| Deficit | | | | | |
| Total | 155,325.78 | 5,742,408.97 | 47,734.83 | 100,777.69 | 44,287.55 |
| LIABILITIES | | | | | |
| Debenture balance | 3,944.63 | 799,939.54 | 6,831.75 | 21,251.22 | 3,767.26 |
| Accounts payable | 3,458.62 | 122,523.68 | 153.33 | 4,813.42 | 68.02 |
| Bank overdraft | | | | | |
| Other liabilities | 1,530.83 | 92,286.65 | 244.14 | 2,822.44 | 219.72 |
| Total liabilities | 8,934.08 | 1,014,749.87 | 7,229.22 | 28,887.08 | 4,055.00 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 50,677.46 | 1,562,694.08 | 11,142.97 | 11,322.70 | 13,199.17 |
| For depreciation | 31,932.34 | 976,938.22 | 5,775.81 | 17,374.50 | 8,479.45 |
| Other reserves | | 107,977.44 | 50.00 | 302.04 | |
| Total reserves | 82,609.80 | 2,647,609.74 | 16,968.78 | 28,999.24 | 21,678.62 |
| SURPLUS | | | | | |
| Debentures paid | 39,245.26 | 781,960.46 | 12,168.25 | 19,053.38 | 7,446.36 |
| Local sinking fund | | 375,380.50 | | | |
| Operating surplus | 24,536.64 | 922,708.40 | 11,368.58 | 23,837.99 | 11,107.57 |
| Total surplus | 63,781.90 | 2,080,049.36 | 23,536.83 | 42,891.37 | 18,553.93 |
| Total liabilities, reserves and surplus | 155,325.78 | 5,742,408.97 | 47,734.83 | 100,777.69 | 44,287.55 |
| Percentage of net debt to total assets | 7.3 | 14.8 | 19.8 | 32.3 | 13.0 |

"A"—Continued

**Hydro Municipalities as at December 31, 1935**

| Lynden<br>P.V. | Markham<br>1,092 | Merlin<br>P.V. | Merritton<br>2,557 | Milton<br>1,775 | Milverton<br>996 | Mimico<br>6,733 | Mitchell<br>1,526 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 241.18 | | | 3,275.67 | | 237.20 | 17,077.41 | 23,058.94 |
| | | | 36,622.05 | 16,418.16 | | 38,461.02 | 19,487.83 |
| 4,774.11 | 15,968.98 | 8,069.22 | 34,918.21 | 20,422.74 | 11,995.51 | 76,311.42 | 29,047.28 |
| | | | | | | | |
| 2,166.63 | 8,109.35 | 3,399.23 | 8,469.65 | 13,944.73 | 7,565.80 | 32,749.35 | 8,818.29 |
| 1,643.16 | 5,963.97 | 2,104.48 | 10,390.73 | 13,550.83 | 5,212.55 | 28,698.27 | 11,932.41 |
| 354.06 | 750.76 | 555.64 | 4,676.11 | 1,282.36 | 737.16 | 7,801.61 | 3,723.88 |
| | | | | | | | |
| 193.57 | 1,776.27 | 455.36 | 2,577.96 | 3,948.63 | 654.29 | 4,685.47 | 574.08 |
| | | | | | | | |
| | | 241.85 | | 3,092.54 | | | 1,500.00 |
| 9,372.71 | 32,569.33 | 14,825.78 | 100,930.38 | 72,659.99 | 26,402.51 | 205,784.55 | 98,142.71 |
| 844.49 | 2,545.46 | 2,627.88 | 7,502.14 | 8,996.67 | 18.96 | 12,410.50 | 3,337.38 |
| | 2,000.00 | 6,000.00 | | 4,000.00 | 2,000.00 | | 1,000.00 |
| 808.16 | 2,332.79 | 507.93 | 3,616.66 | 4,845.88 | 873.41 | 6,326.64 | 8,365.92 |
| | | | | 3,848.88 | | | 3,848.57 |
| | | | | | | | |
| 9,810.42 | 11,759.44 | 8,484.64 | 73,983.66 | 72,484.58 | 31,658.83 | 92,975.98 | 30,292.26 |
| | | | | | | | |
| 20,835.78 | 51,207.02 | 32,446.23 | 186,032.84 | 166,836.00 | 60,953.71 | 317,497.67 | 144,986.84 |
| | | | | | | | |
| 20,835.78 | 51,207.02 | 32,446.23 | 186,032.84 | 166,836.00 | 60,953.71 | 317,497.67 | 144,986.84 |
| 2,331.56 | 436.25 | 6,281.21 | 16,803.93 | 6,794.02 | | 71,623.79 | |
| 298.38 | | 493.58 | 2,703.44 | | 736.80 | 3,571.88 | 1,383.42 |
| | | | | | 175.27 | | |
| | 181.45 | 40.00 | | 196.35 | | 5,501.89 | 137.00 |
| 2,629.94 | 617.70 | 6,814.79 | 19,507.37 | 6,990.37 | 912.07 | 80,697.56 | 1,520.42 |
| 9,810.42 | 11,759.44 | 8,484.64 | 73,983.66 | 72,484.58 | 31,658.83 | 92,975.98 | 30,292.26 |
| 3,015.13 | 5,945.97 | 2,892.25 | 9,500.81 | 17,283.56 | 5,794.08 | 47,868.19 | 38,381.99 |
| | | 23.40 | | 1,380.85 | | 2,964.22 | 837.25 |
| 12,825.55 | 17,705.41 | 11,400.29 | 83,484.47 | 91,148.99 | 37,452.91 | 143,808.39 | 69,511.50 |
| 2,163.44 | 10,937.38 | 7,083.00 | 15,382.28 | 26,252.39 | 9,500.00 | 55,376.21 | 22,295.22 |
| | | | | | | | |
| 3,216.85 | 21,946.53 | 7,148.15 | 67,658.72 | 42,444.25 | 13,088.73 | 37,615.51 | 51,659.70 |
| 5,380.29 | 32,883.91 | 14,231.15 | 83,041.00 | 68,696.64 | 22,588.73 | 92,991.72 | 73,954.92 |
| 20,835.78 | 51,207.02 | 32,446.23 | 186,032.84 | 166,836.00 | 60,953.71 | 317,497.67 | 144,986.84 |
| 23.9 | 1.6 | 28.4 | 17.4 | 7.4 | 3.1 | 35.9 | 1.3 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality<br>Population | Moorefield<br>P.V. | Mount Brydges<br>P.V. | Newbury<br>265 | New Hamburg<br>1,449 | New Toronto<br>7,861 |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | | | 2,513.19 | 43,897.67 |
| Substation equipment | | | | 1,167.55 | |
| Distribution system—overhead | 2,980.96 | 6,462.16 | 6,440.37 | 23,753.22 | 80,152.14 |
| Distribution system—underground | | | | | 8,605.69 |
| Line transformers | 1,012.17 | 1,967.97 | 1,797.86 | 6,532.17 | 31,214.87 |
| Meters | 1,221.66 | 2,269.66 | 1,295.15 | 9,014.07 | 31,029.56 |
| Street light equipment, regular | 295.88 | 698.09 | 817.42 | 2,115.04 | 10,326.14 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 348.35 | 267.16 | 502.54 | 835.60 | 7,539.11 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | 348.22 | 5,242.56 | |
| Total plant | 5,859.02 | 11,665.04 | 11,201.56 | 51,173.40 | 212,765.18 |
| Bank and cash balance | 2,373.47 | 2,993.12 | 890.82 | 5,425.13 | 14,471.47 |
| Securities and investments | | 3,000.00 | | | |
| Accounts receivable | 192.48 | 879.09 | 982.58 | 450.28 | 14,392.09 |
| Inventories | | | | 686.98 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 4,322.29 | 4,971.44 | 3,085.46 | 34,414.41 | 287,587.89 |
| Other assets | | 103.78 | | | |
| Total assets | 12,747.26 | 23,612.47 | 16,160.42 | 92,150.20 | 529,216.63 |
| Deficit | | | | | |
| Total | 12,747.26 | 23,612.47 | 16,160.42 | 92,150.20 | 529,216.63 |
| LIABILITIES | | | | | |
| Debenture balance | 707.23 | 2,018.67 | 3,400.00 | 5,069.56 | 3,363.54 |
| Accounts payable | 98.90 | 97.44 | 24.00 | | 15,755.63 |
| Bank overdraft | | | | | |
| Other liabilities | | 103.78 | 30.00 | 221.50 | 5,606.28 |
| Total liabilities | 806.13 | 2,219.89 | 3,454.00 | 5,291.06 | 24,725.45 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 4,322.29 | 4,971.44 | 3,085.46 | 34,414.41 | 287,587.89 |
| For depreciation | 2,419.26 | 2,747.30 | 2,815.68 | 12,344.79 | 45,523.22 |
| Other reserves | | 100.00 | | 91.74 | 1,934.29 |
| Total reserves | 6,741.55 | 7,818.74 | 5,901.14 | 46,850.94 | 335,045.40 |
| SURPLUS | | | | | |
| Debentures paid | 3,792.77 | 2,201.33 | 6,354.39 | 12,659.52 | 4,636.46 |
| Local sinking fund | | | | | |
| Operating surplus | 1,406.81 | 11,372.51 | 450.89 | 27,348.68 | 164,809.32 |
| Total surplus | 5,199.58 | 13,573.84 | 6,805.28 | 40,008.20 | 169,445.78 |
| Total liabilities, reserves and surplus | 12,747.26 | 23,612.47 | 16,160.42 | 92,150.20 | 529,216.63 |
| Percentage of net debt to total assets | 9.6 | 11.9 | 26.4 | 9.2 | 10.2 |

"A"—Continued

**Hydro Municipalities as at December 31, 1935**

| Niagara Falls 18,060 | Niagara-on-the-Lake 1,569 | North York Twp. | Norwich 1,174 | Oil Springs 463 | Otterville P.V. | Palmerston 1,470 | Paris 4,330 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 132,324.59 | 2,307.35 | 28,302.20 | 4,638.76 | 1,501.68 | ........ | ........ | 8,426.83 |
| 228,200.23 | 16,048.36 | ........ | ........ | ........ | ........ | 691.88 | 27,720.70 |
| 190,993.39 | 29,273.79 | 344,810.16 | 11,113.94 | 12,997.78 | 7,237.02 | 27,675.17 | 52,897.46 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 159,583.08 | 8,141.28 | 85,225.34 | 6,180.85 | 5,234.39 | 3,510.10 | 9,903.21 | 19,712.59 |
| 107,655.84 | 8,151.57 | 46,165.82 | 6,817.06 | 3,429.01 | 2,304.45 | 7,391.99 | 19,719.47 |
| 118,303.16 | 1,262.39 | 211.58 | 4,685.64 | 308.24 | 1,408.96 | 2,267.80 | 14,059.22 |
| ........ | ........ | 13,491.21 | ........ | ........ | ........ | ........ | ........ |
| 9,653.17 | 1,849.66 | 18,397.94 | 1,432.04 | 2,322.59 | 142.00 | 947.48 | 1,104.65 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 20,670.10 | ........ | ........ | 3,509.82 | ........ | ........ | 4,018.71 | ........ |
| 967,383.56 | 67,034.40 | 536,604.25 | 38,378.11 | 25,793.69 | 14,602.53 | 52,896.24 | 143,640.92 |
| 24,163.82 | 640.90 | 1,372.53 | 2,618.03 | 3,247.36 | 2,989.89 | ........ | 4,126.75 |
| ........ | ........ | ........ | 3,500.00 | 2,132.83 | ........ | ........ | 28,500.00 |
| 14,917.24 | 4,666.56 | 4,831.14 | 2,718.35 | 712.83 | 1,299.92 | 1,582.99 | 871.44 |
| 17,162.13 | 2,842.60 | ........ | 1,811.33 | 89.72 | ........ | 2,297.75 | ........ |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 391,915.26 | 20,377.55 | 72,706.92 | 25,524.35 | 17,440.98 | 5,687.26 | 29,233.25 | 77,622.54 |
| 27,186.01 | 89.46 | 6,733.98 | 202.50 | 13.58 | 13.75 | 323.72 | ........ |
| 1,442,728.02 | 95,651.47 | 622,248.82 | 74,752.67 | 49,430.99 | 24,593.35 | 86,333.95 | 254,761.65 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 1,442,728.02 | 95,651.47 | 622,248.82 | 74,752.67 | 49,430.99 | 24,593.35 | 86,333.95 | 254,761.65 |
| 298,302.67 | 19,297.39 | 337,334.44 | 4,808.11 | 822.44 | ........ | 2,488.80 | 7,951.08 |
| 27,363.93 | 199.70 | 310,229.87 | 150.18 | 1,492.58 | 96.00 | 715.34 | 929.83 |
| ........ | ........ | ........ | ........ | ........ | ........ | 246.08 | ........ |
| 17,258.90 | 85.00 | 6,733.98 | 202.50 | 13.58 | 13.75 | 307.50 | ........ |
| 342,925.50 | 19,582.09 | 354,298.29 | 5,160.79 | 2,328.60 | 109.75 | 3,757.72 | 8,880.91 |
| 391,915.26 | 20,377.55 | 72,706.92 | 25,524.35 | 17,440.98 | 5,687.26 | 29,233.25 | 77,622.54 |
| 171,318.66 | 11,508.94 | 71,108.88 | 6,034.09 | 7,176.74 | 4,342.53 | 6,369.49 | 67,573.97 |
| 12,209.16 | 650.00 | 13,491.21 | 870.64 | 175.00 | ........ | 458.05 | 175.00 |
| 575,443.08 | 32,536.49 | 157,307.01 | 32,429.08 | 24,792.72 | 10.029.79 | 36,060.79 | 145,371.51 |
| 391,940.33 | 17,204.03 | 105,687.43 | 8,947.89 | 15,898.87 | 4,500.00 | 24,511.20 | 84,048.92 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 132,419.11 | 26,328.86 | 4,956.09 | 28,214.91 | 6,410.80 | 9,953.81 | 22,004.24 | 16,460.31 |
| 524,359.44 | 43,532.89 | 110,643.52 | 37,162.80 | 22,309.67 | 14,453.81 | 46,515.44 | 100,509.23 |
| 1,442,728.02 | 95,651.47 | 622,248.82 | 74,752.67 | 49,430.99 | 24,593.35 | 86,333.95 | 254,761.65 |
| 32.6 | 26.0 | 66.1 | 10.0 | 7.3 | 0.5 | 6.6 | 5.0 |

## STATEMENT

## Balance Sheets of Electrical Departments of

NIAGARA SYSTEM—Continued

| Municipality<br>Population | Parkhill<br>1,023 | Petrolia<br>2,664 | Plattsville<br>P.V. | Point Edward<br>1,222 | Port Colborne<br>5,680 |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  | 900.00 |  |  | 22,561.01 |
| Substation equipment |  | 2,403.55 |  |  |  |
| Distribution system—overhead | 16,039.71 | 44,331.36 | 4,156.10 | 21,321.29 | 89,678.99 |
| Distribution system—underground |  |  |  |  |  |
| Line transformers | 4,359.83 | 27,348.81 | 1,890.66 | 6,746.18 | 25,678.31 |
| Meters | 4,345.82 | 14,885.70 | 1,882.35 | 5,162.40 | 22,436.24 |
| Street light equipment, regular | 922.68 | 6,311.43 | 147.15 | 3,091.41 | 4,549.26 |
| Street light equipment, ornamental |  |  |  |  | 16,611.59 |
| Miscellaneous construction expense | 1,331.21 | 5,852.31 | 535.92 | 503.14 | 6,762.51 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant |  | 3,389.94 |  |  | 9,929.60 |
| Total plant | 26,999.25 | 105,423.10 | 8,612.18 | 36,824.42 | 198,207.51 |
| Bank and cash balance | 1,144.05 | 6,260.69 | 1,912.84 |  | 2,184.77 |
| Securities and investments |  | 8,400.00 |  | 13,000.00 | 1,500.00 |
| Accounts receivable | 1,203.03 | 6,940.59 | 597.02 | 6,303.43 | 17,027.40 |
| Inventories |  | 782.33 |  |  | 4,013.69 |
| Sinking fund on local debentures |  |  |  |  |  |
| Equity in H-E.P.C. systems | 12,473.95 | 69,753.22 | 6,120.36 | 34,055.22 | 61,272.86 |
| Other assets |  | 757.50 |  | 229.65 |  |
| Total assets | 41,820.28 | 198,317.43 | 17,242.40 | 90,412.72 | 284,206.23 |
| Deficit |  |  |  |  |  |
| Total | 41,820.28 | 198,317.43 | 17,242.40 | 90,412.72 | 284,206.23 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 4,185.03 | 19,385.75 | 2,421.67 | 5,930.21 | 78,812.29 |
| Accounts payable | 5.77 | 7.91 | 123.29 | 827.48 | 7,323.39 |
| Bank overdraft |  |  |  | 3,187.04 |  |
| Other liabilities | 115.00 | 757.50 |  | 229.65 | 20,359.64 |
| Total liabilities | 4,305.80 | 20,151.16 | 2,544.96 | 10,174.38 | 106,495.32 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 12,473.95 | 69,753.22 | 6,120.36 | 34,055.22 | 61,272.86 |
| For depreciation | 6,514.97 | 31,695.75 | 3,153.88 | 10,608.85 | 36,607.25 |
| Other reserves |  | 749.45 |  | 201.53 | 2,223.63 |
| Total reserves | 18,988.92 | 102,198.42 | 9,274.24 | 44,865.60 | 100,103.74 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 10,444.99 | 30,614.25 | 2,815.33 | 11,069.79 | 67,187.71 |
| Local sinking fund |  |  |  |  |  |
| Operating surplus | 8,080.57 | 45,353.60 | 2,607.87 | 24,302.95 | 10,419.46 |
| Total surplus | 18,525.56 | 75,967.85 | 5,423.20 | 35,372.74 | 77,607.17 |
| Total liabilities, reserves and surplus | 41,820.28 | 198,317.43 | 17,242.40 | 90,412.72 | 284,206.23 |
| Percentage of net debt to total assets | 14.7 | 15.7 | 22.9 | 18.0 | 43.5 |

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Port Credit 1,670 | Port Dalhousie 1,410 | Port Dover 1,692 | Port Rowan 644 | Port Stanley 759 | Preston 6,274 | Princeton P.V. | Queenston P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 675.00 | | 248.75 | | 1,570.80 | | | |
| | | | | | 50,727.43 | | |
| 25,286.27 | 18,600.65 | 30,785.20 | 9,220.72 | 21,887.58 | 90,830.86 | 4,257.61 | 7,954.32 |
| | | | | | | | |
| 10,095.08 | 9,989.19 | 11,286.53 | 1,435.32 | 12,700.02 | 47,844.31 | 2,473.48 | 2,219.20 |
| 9,567.33 | 9,465.40 | 7,557.37 | 1,873.26 | 10,102.08 | 38,876.63 | 1,223.65 | 1,568.03 |
| 4,922.71 | 1,041.19 | 2,673.13 | 890.49 | 1,880.68 | 5,442.53 | 199.05 | 422.43 |
| | | | | | | | |
| 847.99 | 2,587.35 | 2,734.44 | 697.53 | 6,327.12 | 8,864.71 | 64.35 | 2,188.41 |
| | | | | | | | |
| | 6,018.38 | | | 577.51 | 32,126.75 | | |
| 51,394.38 | 47,702.16 | 55,285.42 | 14,117.32 | 55,045.79 | 274,713.22 | 8,218.14 | 14,352.39 |
| 1,192.04 | 1,811.92 | 4,579.14 | 192.81 | 5,648.05 | 27,044.03 | 3,811.19 | 253.67 |
| | 3,000.00 | | | 3,000.00 | 6,000.00 | | |
| 3,135.38 | 2,587.86 | 3,071.09 | 180.29 | 2,423.55 | 16,459.94 | 1,399.14 | 292.48 |
| | | | 30.76 | | | | |
| | 3,300.72 | | | | | | |
| 25,107.63 | 21,595.00 | 16,113.81 | 4,358.57 | 26,895.65 | 182,297.31 | 5,830.00 | 4,555.37 |
| 553.80 | 303.03 | 20.00 | | 30.01 | 459.00 | | |
| 81,383.23 | 80,300.69 | 79,069.46 | 18,879.75 | 93,043.05 | 506,973.50 | 19,258.47 | 19,453.91 |
| | | | | | | | |
| 81,383.23 | 80,300.69 | 79,069.46 | 18,879.75 | 93,043.05 | 506,973.50 | 19,258.47 | 19,453.91 |
| 6,998.27 | 7,433.52 | 7,994.40 | 8,040.37 | 5,638.12 | 41,979.33 | 1,641.50 | 4,621.53 |
| 601.36 | | 2,860.68 | 301.74 | | 7,542.54 | 136.72 | 1.72 |
| 500.00 | 148.00 | 613.00 | | 30.01 | 1,300.44 | | 1.50 |
| 8,099.63 | 7,581.52 | 11,468.08 | 8,342.11 | 5,668.13 | 50,822.31 | 1,778.22 | 4,624.75 |
| 25,107.63 | 21,595.00 | 16,113.81 | 4,358.57 | 26,895.65 | 182,297.31 | 5,830.00 | 4,555.37 |
| 15,725.85 | 5,816.33 | 8,579.52 | 2,227.97 | 11,895.70 | 107,210.80 | 2,759.73 | 3,110.75 |
| 500.00 | 926.31 | | | 79.95 | 449.61 | | |
| 41,333.48 | 28,337.64 | 24,693.33 | 6,586.54 | 38,871.30 | 289,957.72 | 8,589.73 | 7,666.12 |
| 7,501.73 | 15,066.48 | 21,005.60 | 2,959.63 | 13,311.88 | 110,820.67 | 1,908.50 | 4,878.47 |
| | 3,300.72 | | | | | | |
| 24,448.39 | 26,014.33 | 21,902.45 | 991.47 | 35,191.74 | 55,372.80 | 6,982.02 | 2,284.57 |
| 31,950.12 | 44,381.53 | 42,908.05 | 3,951.10 | 48,503.62 | 166,193.47 | 8,890.52 | 7,163.04 |
| 81,383.23 | 80,300.69 | 79,069.46 | 18,879.75 | 93,043.05 | 506,973.50 | 19,258.47 | 19,453.91 |
| 14.2 | 7.7 | 18.2 | 57.4 | 8.6 | 15.6 | 13.2 | 31.0 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Richmond Hill | Ridgetown | Riverside | Rockwood | Rodney |
|---|---|---|---|---|---|
| Population | 1,236 | 2,016 | 4,875 | P.V. | 729 |
| **Assets** | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | ............ | ............ | 2,379.31 | 79.00 | ............ |
| Substation equipment | 600.00 | 1,024.24 | ............ | ............ | ............ |
| Distribution system—overhead | 10,598.07 | 21,995.05 | 91,650.97 | 7,651.52 | 10,876.25 |
| Distribution system —underground | ............ | ............ | | | |
| Line transformers | 8,549.95 | 9,910.62 | 32,013.17 | 2,481.27 | 2,890.98 |
| Meters | 5,030.10 | 9,543.33 | 22,615.33 | 2,876.34 | 3,503.11 |
| Street light equipment, regular | 1,334.77 | 3,549.96 | ............ | 689.83 | 631.29 |
| Street light equipment, ornamental | ............ | 1,431.73 | 17,030.71 | ............ | ............ |
| Miscellaneous construction expense | 31.00 | 1,878.65 | 4,863.93 | 445.90 | 754.33 |
| Steam or hydraulic plant | ............ | ............ | ............ | ............ | ............ |
| Old plant | ............ | 5,088.46 | ............ | ............ | 700.00 |
| Total plant | 26,143.89 | 54,422.04 | 170,553.42 | 14,223.86 | 19,355.96 |
| Bank and cash balance | 5,741.33 | 2,294.44 | 7,346.46 | 678.50 | 2,233.53 |
| Securities and investments | ............ | 11,000.00 | ............ | ............ | ............ |
| Accounts receivable | 1,034.66 | 1,235.19 | 14,552.26 | 489.74 | 30.48 |
| Inventories | 139.90 | 875.67 | ............ | 101.03 | ............ |
| Sinking fund on local debentures | ............ | ............ | ............ | ............ | ............ |
| Equity in H-E.P.C. systems | 11,186.50 | 28,171.06 | 54,296.53 | 7,671.74 | 8,648.11 |
| Other assets | 275.53 | ............ | ............ | 76.10 | ............ |
| Total assets | 44,521.81 | 97,998.40 | 246,748.67 | 23,240.97 | 30,268.08 |
| Deficit | ............ | ............ | ............ | ............ | ............ |
| Total | 44,521.81 | 97,998.40 | 246,748.67 | 23,240.97 | 30,268.08 |
| **Liabilities** | | | | | |
| Debenture balance | 3,021.54 | 5,614.75 | 45,676.43 | 2,174.12 | ............ |
| Accounts payable | 1,724.74 | 2,034.17 | 17,165.97 | 132.48 | 117.45 |
| Bank overdraft | ............ | ............ | ............ | ............ | ............ |
| Other liabilities | 275.53 | 1,891.73 | 17,030.71 | 71.00 | 160.00 |
| Total liabilities | 5,021.81 | 9,540.65 | 79,873.11 | 2,377.60 | 277.45 |
| **Reserves** | | | | | |
| For equity in H-E.P.C. systems | 11,186.50 | 28,171.06 | 54,296.53 | 7,671.74 | 8,648.11 |
| For depreciation | 1,880.84 | 13,397.71 | 33,363.81 | 4,932.31 | 2,239.22 |
| Other reserves | ............ | 275.00 | 4,598.52 | ............ | ............ |
| Total reserves | 13,067.34 | 41,843.77 | 92,258.86 | 12,604.05 | 10,887.33 |
| **Surplus** | | | | | |
| Debentures paid | 9,178.46 | 13,841.24 | 36,823.57 | 2,325.88 | 8,500.00 |
| Local sinking fund | ............ | ............ | ............ | ............ | ............ |
| Operating surplus | 17,254.20 | 32,772.74 | 37,793.13 | 5,933.44 | 10,603.30 |
| Total surplus | 26,432.66 | 46,613.98 | 74,616.70 | 8,259.32 | 19,103.30 |
| Total liabilities, reserves and surplus | 44,521.81 | 97,998.40 | 246,748.67 | 23,240.97 | 30,268.08 |
| Percentage of net debt to total assets | 15.0 | 11.8 | 35.8 | 15.3 | 1.3 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1935**

| St. Catharines 26,394 | St. Clair Beach 79 | St. George P.V. | St. Jacobs P.V. | St. Marys 4,038 | St. Thomas 16,066 | Sandwich 10,682 | Sarnia 17,645 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 52,484.81 | | | | 3,000.00 | 74,748.59 | 541.70 | 112,246.86 |
| 112,041.49 | | | | 26,975.49 | 110,146.39 | 4,097.56 | 199,845.48 |
| 206,971.81 | 8,054.80 | 5,949.09 | 6,551.08 | 57,015.85 | 114,298.56 | 107,859.46 | 218,257.69 |
| | | | | | 40,759.20 | | |
| 142,519.71 | 2,726.36 | 2,729.42 | 2,539.38 | 19,061.14 | 54,374.18 | 47,105.19 | 87,681.72 |
| 90,656.03 | 1,450.15 | 2,933.56 | 2,908.59 | 22,315.91 | 71,354.95 | 49,894.67 | 74,400.13 |
| 18,494.17 | | 286.41 | 368.97 | 5,506.42 | 21,259.32 | 11,665.76 | 25,327.26 |
| 29,486.71 | | | | | 3,693.04 | 51,239.13 | 7,482.11 |
| 28,626.73 | 161.33 | 374.18 | 547.21 | 3,665.04 | 8,559.66 | 6,756.88 | 22,498.80 |
| | | | | | | | |
| 17,507.89 | | | | 20,696.85 | | 4,148.96 | 55,445.72 |
| 698,789.35 | 12,392.64 | 12,272.66 | 12,915.23 | 158,236.70 | 499,193.89 | 283,309.31 | 803,185.77 |
| 25,170.65 | | 228.20 | 468.99 | 3,349.53 | 8,418.93 | 19,885.24 | 8,549.59 |
| | | | 3,000.00 | | 43,206.81 | 21,659.37 | 10,000.00 |
| 34,179.75 | 1,685.56 | 995.97 | 207.53 | 4,911.77 | 15,424.38 | 12,782.49 | 50,199.84 |
| 7,628.72 | | | | 2,617.07 | 9,288.59 | 305.53 | 19,020.03 |
| 71,067.61 | | | | 1,558.45 | | | |
| 362,391.74 | 4,402.90 | 9,437.53 | 9,801.78 | 92,373.41 | 323,660.21 | 156,222.53 | 407,081.90 |
| | | 130.00 | | | 9,513.28 | | 4,211.86 |
| 1,199,227.82 | 18,481.10 | 23,064.36 | 26,393.53 | 263,046.93 | 908,706.09 | 494,164.47 | 1,302,248.99 |
| | | | | | | | |
| 1,199,227.82 | 18,481.10 | 23,064.36 | 26,393.53 | 263,046.93 | 908,706.09 | 494,164.47 | 1,302,248.99 |
| 180,531.86 | 2,924.55 | 2,875.70 | 926.52 | 36,310.49 | 1,762.44 | 83,810.77 | 84,944.07 |
| 26,959.88 | 166.66 | 556.14 | 105.41 | | 1,812.42 | | 1,267.60 |
| | 363.82 | | | | | | |
| 29,788.71 | | 130.00 | | 147.50 | 13,206.32 | 58,317.21 | 14,083.53 |
| 237,280.45 | 3,455.03 | 3,561.84 | 1,031.93 | 36,457.99 | 16,781.18 | 142,127.98 | 100,295.20 |
| 362,391.74 | 4,402.90 | 9,437.53 | 9,801.78 | 92,373.41 | 323,660.21 | 156,222.53 | 407,081.90 |
| 152,663.61 | 2,937.46 | 2,465.74 | 3,425.50 | 52,710.25 | 120,991.22 | 47,968.51 | 149,150.79 |
| 9,002.10 | 262.67 | | | 660.05 | 446.24 | 10,294.10 | 1,421.03 |
| 524,057.45 | 7,603.03 | 11,903.27 | 13,227.28 | 145,743.71 | 445,097.67 | 214,485.14 | 557,653.72 |
| 121,491.05 | 3,416.90 | 3,124.30 | 5,073.48 | 77,936.53 | 137,181.63 | 61,762.26 | 253,055.93 |
| 71,067.61 | | | | 1,558.45 | | | |
| 245,331.26 | 4,006.14 | 4,474.95 | 7,060.84 | 1,350.25 | 309,645.61 | 75,789.09 | 391,244.14 |
| 437,889.92 | 7,423.04 | 7,599.25 | 12,134.32 | 80,845.23 | 446,827.24 | 137,551.35 | 644,300.07 |
| 1,199,227.82 | 18,481.10 | 23,064.36 | 26,393.53 | 263,046.93 | 908,706.09 | 494,164.47 | 1,302,248.99 |
| 19.0 | 24.5 | 26.1 | 6.2 | 21.6 | 2.9 | 31.7 | 10.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Scarboro' Twp. | Seaforth | Simcoe | Spring-field | Stamford Twp. |
|---|---|---|---|---|---|
| Population | | 1,697 | 5,317 | 380 | |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 17,273.95 | 1,619.38 | 8,892.39 | | 7,196.71 |
| Substation equipment | 301.95 | 5,999.16 | 30,611.71 | | 37,384.60 |
| Distribution system—overhead | 276,094.33 | 28,248.51 | 49,981.48 | 7,996.00 | 128,180.97 |
| Distribution system—underground | | | 1,412.24 | | |
| Line transformers | 62,242.03 | 11,015.60 | 25,792.69 | 2,374.19 | 44,064.91 |
| Meters | 65,751.73 | 9,837.17 | 25,466.63 | 2,017.85 | 31,702.21 |
| Street light equipment, regular | 19,838.72 | 1,414.55 | 5,629.17 | 558.91 | 9,747.80 |
| Street light equipment, ornamental | | | 3,500.00 | | |
| Miscellaneous construction expense | 1,903.10 | 466.96 | 5,632.77 | 685.08 | 8,813.62 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | 927.92 | | 13,743.66 |
| Total plant | 443,405.81 | 58,601.33 | 157,847.00 | 13,632.03 | 280,834.48 |
| Bank and cash balance | 86,821.22 | 4,511.57 | 22,605.98 | 1,069.15 | 2,809.71 |
| Securities and investments | 2,680.00 | 100.00 | | 4,500.00 | |
| Accounts receivable | 12,331.76 | 4,603.20 | 2,232.90 | 465.66 | 19,416.68 |
| Inventories | | 1,787.44 | 3,869.50 | | 8,541.87 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 110,929.96 | 43,835.66 | 63,519.60 | 6,455.42 | 60,956.15 |
| Other assets | | | 300.00 | 57.00 | 4,997.78 |
| Total assets | 656,168.75 | 113,439.20 | 250,374.98 | 26,179.26 | 377,556.67 |
| Deficit | | | | | |
| Total | 656,168.75 | 113,439.20 | 250,374.98 | 26,179.26 | 377,556.67 |
| LIABILITIES | | | | | |
| Debenture balance | 164,244.68 | | 48,567.65 | 3,245.26 | 148,219.41 |
| Accounts payable | 62,575.46 | 27.75 | 6,843.36 | 25.45 | 19,448.43 |
| Bank overdraft | | | | | |
| Other liabilities | 28,397.10 | 88.00 | 3,680.00 | 57.00 | 4,362.86 |
| Total liabilities | 255,217.24 | 115.75 | 59,091.01 | 3,327.71 | 172,030.70 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 110,929.96 | 43,835.66 | 63,519.60 | 6,455.42 | 60,956.15 |
| For depreciation | 80,549.84 | 20,582.55 | 17,156.31 | 2,984.25 | 33,645.63 |
| Other reserves | 628.20 | 1,106.96 | | | 2,963.80 |
| Total reserves | 192,108.00 | 65,525.17 | 80,675.91 | 9,439.67 | 97,565.58 |
| SURPLUS | | | | | |
| Debentures paid | 126,323.59 | 25,000.00 | 26,867.25 | 6,254.74 | 92,058.76 |
| Local sinking fund | | | | | |
| Operating surplus | 82,519.92 | 22,798.28 | 83,740.81 | 7,157.14 | 15,901.63 |
| Total surplus | 208,843.51 | 47,798.28 | 110,608.06 | 13,411.88 | 107,960.39 |
| Total liabilities, reserves and surplus | 656,168.75 | 113,439.20 | 250,374.98 | 26,179.26 | 377,556.67 |
| Percentage of net debt to total assets | 46.8 | 0.2 | 30.0 | 16.8 | 54.3 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1935**

| Stouffville<br>1,169 | Stratford<br>17,456 | Strathroy<br>2,875 | Streetsville<br>671 | Sutton<br>812 | Tavistock<br>1,033 | Tecumseh<br>2,526 | Thamesford P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ... | 138,835.70 | 8,741.01 | 2,038.47 | ... | 234.02 | ... | ... |
| ... | 121,684.65 | 23,219.34 | 1,172.04 | | ... | ... | ... |
| 12,712.37 | 153,937.03 | 49,304.02 | 8,185.38 | 20,432.16 | 13,325.98 | 34,874.42 | 7,735.17 |
| ... | ... | ... | ... | ... | ... | ... | ... |
| 4,160.67 | 94,074.18 | 20,245.46 | 4,922.49 | 7,097.85 | 6,251.28 | 10,186.68 | 2,625.63 |
| 4,363.38 | 83,838.95 | 14,996.12 | 2,580.14 | 5,761.87 | 4,873.64 | 10,322.15 | 2,685.73 |
| 1,604.52 | 22,112.92 | 5,814.75 | 1,049.40 | 1,773.58 | 1,034.99 | ... | 290.65 |
| ... | ... | ... | ... | | ... | 4,760.95 | ... |
| 450.06 | 17,714.97 | 2,396.09 | 701.86 | 1,591.03 | 560.84 | 1,293.08 | 344.50 |
| ... | ... | ... | 10,641.55 | | ... | ... | ... |
| ... | 31,520.00 | 12,343.15 | ... | 675.00 | ... | ... | ... |
| 23,291.00 | 663,718.40 | 137,059.94 | 31,291.33 | 37,331.49 | 26,280.75 | 61,437.28 | 13,681.68 |
| 4,584.18 | 28,021.38 | 9,857.36 | 2,312.68 | 1,520.34 | 4,048.31 | 1,980.23 | 1,761.33 |
| 5,000.00 | 71,500.00 | 10,000.00 | ... | ... | 3,091.16 | ... | 7,500.00 |
| 1,051.62 | 26,997.73 | 4,583.40 | 367.61 | 2,624.38 | 1,735.09 | 6,320.75 | 373.90 |
| 23.04 | 9,123.18 | 2,056.32 | ... | 34.50 | ... | ... | ... |
| ... | 221,589.80 | ... | ... | ... | ... | ... | ... |
| 10,073.35 | 411,213.54 | 57,928.75 | 323.07 | 9,496.45 | 29,788.41 | 16,640.54 | 11,546.16 |
| 40.00 | 3,358.29 | 570.09 | ... | 5.00 | ... | ... | 39.00 |
| 44,063.19 | 1,435,522.32 | 222,055.86 | 34,294.69 | 51,012.16 | 64,943.72 | 86,378.80 | 34,902.07 |
| ... | ... | ... | ... | ... | ... | ... | ... |
| 44,063.19 | 1,435,522.32 | 222,055.86 | 34,294.69 | 51,012.16 | 64,943.72 | 86,378.80 | 34,902.07 |
| 3,934.37 | 390,000.00 | 31,308.15 | 15,835.30 | 13,372.09 | 3,242.11 | 11,887.97 | 1,308.31 |
| 136.22 | 2,501.51 | 298.21 | ... | 2,441.48 | ... | 7,915.09 | 116.39 |
| ... | ... | ... | ... | ... | ... | ... | ... |
| 40.00 | 3,358.29 | 570.09 | 125.00 | 5.00 | ... | 4,760.95 | 39.00 |
| 4,110.59 | 395,859.80 | 32,176.45 | 15,960.30 | 15,818.57 | 3,242.11 | 24,564.01 | 1,463.70 |
| 10,073.35 | 411,213.54 | 57,928.75 | 323.07 | 9,496.45 | 29,788.41 | 16,640.54 | 11,546.16 |
| 3,036.56 | 246,928.03 | 27,410.17 | 1,871.74 | 6,382.46 | 9,050.16 | 12,710.48 | 5,339.63 |
| ... | 2,962.34 | 300.00 | 25.00 | ... | ... | 1,636.50 | ... |
| 13,109.91 | 661,103.91 | 85,638.92 | 2,219.81 | 15,878.91 | 38,838.57 | 30,987.52 | 16,885.79 |
| 10,739.53 | 65,800.00 | 34,923.85 | 1,709.78 | 12,627.91 | 2,757.89 | 14,112.03 | 4,049.72 |
| ... | 221,589.80 | ... | ... | ... | ... | ... | ... |
| 16,103.16 | 91,168.81 | 69,316.64 | 14,404.80 | 6,686.77 | 20,105.15 | 16,715.24 | 12,502.86 |
| 26,842.69 | 378,558.61 | 104,240.49 | 16,114.58 | 19,314.68 | 22,863.04 | 30,827.27 | 16,552.58 |
| 44,063.19 | 1,435,522.32 | 222,055.86 | 34,294.69 | 51,012.16 | 64,943.72 | 86,378.80 | 34,902.07 |
| 12.9 | 21.7 | 19.6 | 47.0 | 38.1 | 9.2 | 30.4 | 6.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Thamesville | Thedford | Thorndale | Thorold | Tilbury |
|---|---|---|---|---|---|
| Population | 710 | 575 | P.V. | 4,954 | 1,937 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 681.69 | | | 9,892.59 | 969.46 |
| Substation equipment | | | | | |
| Distribution system—overhead | 12,280.90 | 9,277.54 | 3,303.17 | 31,830.00 | 16,149.48 |
| Distribution system—underground | | | | | |
| Line transformers | 5,160.49 | 3,068.91 | 1,559.98 | 16,326.37 | 12,761.37 |
| Meters | 3,889.20 | 2,206.01 | 1,762.68 | 20,568.59 | 7,057.77 |
| Street light equipment, regular | 1,379.42 | 885.46 | 181.19 | 2,885.74 | 982.66 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 646.62 | 1,588.81 | 310.45 | 7,703.76 | 1,614.67 |
| Steam or hydraulic plant | | | | 13,244.74 | |
| Old plant | 4,445.68 | 433.78 | | | 3,049.47 |
| Total plant | 28,484.00 | 17,460.51 | 7,117.47 | 102,451.79 | 42,584.88 |
| Bank and cash balance | 2,219.85 | 669.13 | 526.51 | 14,161.95 | 4,405.91 |
| Securities and investments | 4,000.00 | 2,500.00 | | | 10,000.00 |
| Accounts receivable | 1,642.02 | 502.85 | 809.27 | 3,232.76 | 1,499.49 |
| Inventories | | | | 172.79 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 11,573.87 | 6,090.54 | 6,044.80 | 60,100.10 | 30,388.08 |
| Other assets | | | 37.25 | | |
| Total assets | 47,919.74 | 27,223.03 | 14,535.30 | 180,119.39 | 88,878.36 |
| Deficit | | | | | |
| Total | 47,919.74 | 27,223.03 | 14,535.30 | 180,119.39 | 88,878.36 |
| LIABILITIES | | | | | |
| Debenture balance | | 7,073.76 | 1,245.71 | | 5,270.39 |
| Accounts payable | 16.06 | 89.11 | 3.13 | 2,589.57 | 29.43 |
| Bank overdraft | | | | | |
| Other liabilities | 145.00 | 23.00 | 37.25 | 1,677.50 | |
| Total liabilities | 161.06 | 7,185.87 | 1,286.09 | 4,267.07 | 5,299.82 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 11,573.87 | 6,090.54 | 6,044.80 | 60,100.10 | 30,388.08 |
| For depreciation | 7,407.86 | 2,876.53 | 3,121.99 | 26,333.49 | 10,894.50 |
| Other reserves | 462.18 | | 100.00 | | 128.53 |
| Total reserves | 19,443.91 | 8,967.07 | 9,266.79 | 86,433.59 | 41,411.11 |
| SURPLUS | | | | | |
| Debentures paid | 11,187.80 | 9,426.24 | 1,840.77 | 5,000.00 | 8,729.61 |
| Local sinking fund | | | | | |
| Operating surplus | 17,126.97 | 1,643.85 | 2,141.65 | 84,418.73 | 33,437.82 |
| Total surplus | 28,314.77 | 11,070.09 | 3,982.42 | 89,418.73 | 42,167.43 |
| Total liabilities, reserves and surplus | 47,919.74 | 27,223.03 | 14,535.30 | 180,119.39 | 88,878.36 |
| Percentage of net debt to total assets | 0.4 | 34.0 | 15.1 | 3.5 | 9.0 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1935**

| Tillsonburg 3,453 | Toronto 623,562 | Toronto Twp. | Trafalgar Twp. Area No. 1 | Trafalgar Twp. Area No. 2 | Walkerville 9,968 | Wallaceburg 4,630 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 4,824.27 | 5,397,337.63 | 6,366.13 | ...... | ...... | 147,518.53 | 37,746.29 |
| 13,937.52 | 14,692,952.68 | ...... | ...... | ...... | 155,069.52 | 9,651.80 |
| 43,553.56 | 6,378,859.19 | 184,421.26 | 21,129.09 | 10,813.84 | 155,062.12 | 57,831.05 |
| ...... | 4,171,751.14 | ...... | | | ...... | ...... |
| 17,376.47 | 3,605,457.68 | 55,744.33 | 9,840.94 | 2,146.16 | 91,312.05 | 35,173.82 |
| 16,952.98 | 3,078,565.05 | 33,906.09 | 4,889.87 | 1,343.65 | 71,306.97 | 19,903.69 |
| 11,536.67 | 487,205.93 | 3,717.44 | ...... | ...... | ...... | 10,224.10 |
| ...... | ...... | ...... | | | 187,172.22 | ...... |
| 3,647.76 | 2,199,275.61 | 2,081.35 | 1,943.62 | 323.21 | 38,354.32 | 4,238.52 |
| ...... | | ...... | | | ...... | ...... |
| ...... | 3,570,474.01 | 619.65 | ...... | ...... | 18,335.05 | 20,941.07 |
| 111,829.23 | 43,581,878.92 | 286,856.25 | 37,803.52 | 14,626.86 | 864,130.78 | 195,710.34 |
| 4,592.96 | 1,021,762.69 | 18,318.07 | 2,748.47 | 1,422.69 | ...... | 17,806.74 |
| 9,000.00 | ...... | 10,000.00 | 4,000.00 | 3,000.00 | 31,981.30 | ...... |
| 3,693.79 | 1,874,782.67 | 1,414.33 | 945.99 | 355.28 | 104,201.16 | 8,284.53 |
| 2,447.36 | 504,538.60 | ...... | ...... | ...... | 26,891.99 | 5,955.37 |
| ...... | 6,499,439.83 | ...... | ...... | ...... | ...... | ...... |
| 57,850.63 | 12,696,300.68 | 64,425.83 | ...... | ...... | 438,548.75 | 124,582.56 |
| 2,837.55 | 116,363.00 | ...... | ...... | ...... | 652.08 | 2,030.38 |
| 192,251.52 | 66,295,066.39 | 381,014.48 | 45,497.98 | 19,404.83 | 1,466,406.06 | 354,369.92 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 192,251.52 | 66,295,066.39 | 381,014.48 | 45,497.98 | 19,404.83 | 1,466,406.06 | 354,369.92 |
| 7,931.29 | 23,454,196.78 | 49,722.29 | 10,601.41 | 9,461.15 | 107,728.08 | 38,566.86 |
| 356.15 | 1,627,852.77 | 6,640.09 | ...... | ...... | 33,091.17 | ...... |
| ...... | ...... | ...... | | | 19,786.21 | ...... |
| 2,837.55 | 135,525.01 | 2,408.46 | ...... | ...... | 206,955.22 | 2,030.38 |
| 11,124.99 | 25,217,574.56 | 58,770.84 | 10,601.41 | 9,461.15 | 367,560.68 | 40,597.24 |
| 57,850.63 | 12,696,300.68 | 64,425.83 | ...... | ...... | 438,548.75 | 124,582.56 |
| 34,530.69 | 7,775,583.32 | 100,735.66 | 13,490.33 | 1,719.60 | 153,575.06 | 45,376.72 |
| 200.00 | 1,019,610.06 | 862.42 | ...... | ...... | 21,988.90 | 342.91 |
| 92,581.32 | 21,491,494.06 | 166,023.91 | 13,490.33 | 1,719.60 | 614,112.71 | 170,302.19 |
| 28,068.71 | 11,015,553.34 | 54,277.71 | 8,825.00 | ...... | 191,530.92 | 32,969.72 |
| ...... | 6,499,439.83 | ...... | ...... | | ...... | ...... |
| 60,476.50 | 2,071,004.60 | 101,942.02 | 12,581.24 | 8,224.08 | 293,201.75 | 110,500.77 |
| 88,545.21 | 19,585,997.77 | 156,219.73 | 21,406.24 | 8,224.08 | 484,732.67 | 143,470.49 |
| 192,251.52 | 66,295,066.39 | 381,014.48 | 45,497.98 | 19,404.83 | 1,466,406.06 | 354,369.92 |
| 8.2 | 39.7 | 18.5 | 23.3 | 48.8 | 21.4 | 17.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Wardsville | Waterdown | Waterford | Waterloo | Watford |
|---|---|---|---|---|---|
| Population | 247 | 932 | 1,202 | 8,746 | 916 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings |  | 200.00 |  | 14,454.37 |  |
| Substation equipment |  |  |  | 63,643.83 |  |
| Distribution system—overhead | 5,049.35 | 16,146.32 | 15,772.78 | 91,657.79 | 16,474.06 |
| Distribution system—underground |  |  |  |  |  |
| Line transformers | 1,645.82 | 5,825.50 | 7,201.37 | 40,039.25 | 5,804.31 |
| Meters | 1,205.94 | 5,961.12 | 5,939.66 | 35,429.18 | 5,434.60 |
| Street light equipment, regular | 519.36 | 583.81 | 3,231.62 | 14,105.43 | 807.31 |
| Street light equipment, ornamental |  |  |  | 3,106.80 |  |
| Miscellaneous construction expense | 515.73 | 299.07 | 496.76 | 7,755.98 | 2,084.60 |
| Steam or hydraulic plant |  |  |  |  |  |
| Old plant | 193.94 |  |  | 23,880.07 | 657.44 |
| Total plant | 9,130.14 | 29,015.82 | 32,642.19 | 294,072.70 | 31,262.32 |
| Bank and cash balance | 1,141.49 | 5,173.78 | 2,181.33 | 29,956.54 | 2,017.27 |
| Securities and investments |  |  | 5,300.00 |  | 5,500.00 |
| Accounts receivable | 279.89 | 1,183.49 | 597.12 | 2,557.37 | 2,636.59 |
| Inventories |  |  |  | 783.76 | 76.24 |
| Sinking fund on local debentures |  |  |  | 12,761.77 |  |
| Equity in H-E.P.C. systems | 2,360.92 | 15,899.46 | 21,357.55 | 173,062.02 | 14,642.13 |
| Other assets |  |  |  |  | 5.00 |
| Total assets | 12,912.44 | 51,272.55 | 62,078.19 | 513,194.16 | 56,139.55 |
| Deficit |  |  |  |  |  |
| Total | 12,912.44 | 51,272.55 | 62,078.19 | 513,194.16 | 56,139.55 |
| LIABILITIES |  |  |  |  |  |
| Debenture balance | 3,429.54 |  |  | 43,355.89 |  |
| Accounts payable | 0.71 | 462.99 | 282.98 | 4,820.09 | 836.79 |
| Bank overdraft |  |  |  |  |  |
| Other liabilities |  | 80.00 |  | 3,106.80 | 5.00 |
| Total liabilities | 3,430.25 | 542.99 | 282.98 | 51,282.78 | 841.79 |
| RESERVES |  |  |  |  |  |
| For equity in H-E.P.C. systems | 2,360.92 | 15,899.46 | 21,357.55 | 173,062.02 | 14,642.13 |
| For depreciation | 2,319.49 | 7,294.38 | 10,879.00 | 106,526.25 | 7,101.39 |
| Other reserves |  |  |  | 300.00 | 20.64 |
| Total reserves | 4,680.41 | 23,193.84 | 32,236.55 | 279,888.27 | 21,764.16 |
| SURPLUS |  |  |  |  |  |
| Debentures paid | 4,132.86 | 8,000.00 | 7,745.53 | 62,644.11 | 9,713.21 |
| Local sinking fund |  |  |  | 12,761.77 |  |
| Operating surplus | 668.92 | 19,535.72 | 21,813.13 | 106,617.23 | 23,820.39 |
| Total surplus | 4,801.78 | 27,535.72 | 29,558.66 | 182,023.11 | 33,533.60 |
| Total liabilities, reserves and surplus | 12,912.44 | 51,272.55 | 62,078.19 | 513,194.16 | 56,139.55 |
| Percentage of net debt to total assets | 32.5 | 1.5 | 0.7 | 10.9 | 2.0 |

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Welland<br>10,585 | Wellesley<br>P.V. | West Lorne<br>747 | Weston<br>4,958 | Wheatley<br>743 | Windsor<br>62,216 | Wood-bridge<br>742 | Wood-stock<br>10,968 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 73,269.45 | | | 11,903.31 | | 318,468.75 | | 35,489.71 |
| 57,424.22 | | | 32,737.85 | | 679,275.86 | | 94,693.30 |
| 133,240.74 | 6,691.79 | 11,330.46 | 60,387.64 | 15,326.91 | 759,226.45 | 16,838.33 | 104,342.66 |
| 7,475.04 | | | | | 141,988.44 | | |
| 57,392.42 | 2,153.50 | 4,274.36 | 35,370.70 | 4,242.44 | 340,614.19 | 6,510.77 | 56,341.71 |
| 57,813.89 | 2,504.86 | 3,158.14 | 23,172.57 | 3,882.48 | 325,894.61 | 4,392.12 | 55,262.39 |
| 4,246.63 | 545.11 | 643.57 | 29,853.30 | 1,675.76 | 37,338.37 | 447.24 | 15,543.65 |
| 36,513.75 | | | | | 693,788.56 | | |
| 11,264.54 | 137.41 | 347.14 | 5,750.42 | 1,077.83 | 130,957.25 | 848.35 | 3,167.87 |
| | | | | | | | |
| 49,968.69 | | 1,250.00 | | 2,569.50 | 140,882.11 | | |
| 488,609.37 | 12,032.67 | 21,003.67 | 199,175.79 | 28,774.92 | 3,568,434.59 | 29,036.81 | 364,841.29 |
| 3,230.13 | 1,341.23 | 349.12 | 16,951.22 | 3,162.36 | 86,806.04 | 1,098.26 | 38,567.32 |
| 6,065.13 | | | | 1,500.00 | 189,413.80 | | 86,000.00 |
| 26,570.15 | 422.92 | 91.86 | 5,612.16 | 461.34 | 127,436.03 | 479.17 | 2,543.57 |
| 15,228.86 | | | 179.08 | | 86,112.34 | | 403.14 |
| 128,753.24 | | | | | 58,220.30 | | 57,466.15 |
| 195,817.87 | 11,684.20 | 18,823.10 | 153,149.95 | 8,239.77 | 1,278,943.90 | 19,690.31 | 257,764.65 |
| 20,871.62 | | | | 40.00 | | | 6,436.30 |
| 885,146.37 | 25,481.02 | 40,267.75 | 375,068.20 | 42,178.39 | 5,395,367.00 | 50,304.55 | 814,022.42 |
| | | | | | | | |
| 885,146.37 | 25,481.02 | 40,267.75 | 375,068.20 | 42,178.39 | 5,395,367.00 | 50,304.55 | 814,022.42 |
| 244,508.28 | 616.86 | | 31,880.58 | 6,890.94 | 1,086,121.28 | 4,408.29 | 67,385.63 |
| 30,472.63 | | 140.04 | 71.07 | | 83,524.60 | 556.45 | 1,841.89 |
| | | | | | | | |
| 44,208.20 | | 8.00 | 2,632.33 | 30.00 | 758,957.89 | 289.01 | 6,449.73 |
| 319,189.11 | 616.86 | 148.04 | 34,583.98 | 6,920.94 | 1,928,603.77 | 5,253.75 | 75,677.25 |
| 195,817.87 | 11,684.20 | 18,823.10 | 153,149.95 | 8,239.77 | 1,278,943.90 | 19,690.31 | 257,764.65 |
| 121,187.85 | 2,823.84 | 7,045.14 | 38,548.71 | 3,952.36 | 503,486.98 | 8,294.66 | 147,226.61 |
| 3,496.00 | | | 2,500.00 | | 166,053.77 | | 13,962.57 |
| 320,501.72 | 14,508.04 | 25,868.24 | 194,198.66 | 12,192.13 | 1,948,484.65 | 27,984.97 | 418,953.83 |
| 54,491.72 | 6,883.14 | 8,000.00 | 38,151.86 | 6,109.06 | 903,878.75 | 4,091.68 | 60,000.00 |
| 128,753.24 | | | | | 58,220.30 | | 57,466.15 |
| 62,210.58 | 3,472.98 | 6,251.47 | 108,133.70 | 16,956.26 | 556,179.53 | 12,974.15 | 201,925.19 |
| 245,455.54 | 10,356.12 | 14,251.47 | 146,285.56 | 23,065.32 | 1,518,278.58 | 17,065.83 | 319,391.34 |
| 885,146.37 | 25,481.02 | 40,267.75 | 375,068.20 | 42,178.39 | 5,395,367.00 | 50,304.55 | 814,022.42 |
| 29.3 | 4.5 | 0.7 | 15.6 | 20.4 | 34.9 | 17.2 | 3.6 |

## STATEMENT

## Balance Sheets of Electrical Departments of

**NIAGARA SYSTEM—Concluded**

| Municipality<br>Population | Wyoming<br>492 | York Twp. | Zurich<br>P.V. | NIAGARA SYSTEM SUMMARY |
|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | | | 8,871,962.59 |
| Substation equipment | | | | 20,577,042.85 |
| Distribution system—overhead | 7,984.17 | 789,414.06 | 6,932.37 | 17,306,743.32 |
| Distribution system—underground | | | | 5,650,639.91 |
| Line transformers | 1,470.55 | | 1,643.52 | 8,289,074.95 |
| Meters | 2,442.46 | | 2,268.77 | 7,151,500.68 |
| Street light equipment, regular | 289.62 | 49,877.71 | 471.82 | 1,760,915.37 |
| Street light equipment, ornamental | | | | 1,486,302.46 |
| Miscellaneous construction expense | 805.20 | 19,070.96 | 269.97 | 3,224,840.94 |
| Steam or hydraulic plant | | | | 23,886.29 |
| Old plant | | | 150.00 | 4,336,823.16 |
| | | | | 200,000.00 |
| Total plant | 12,992.00 | 858,362.73 | 11,736.45 | 78,879,732.52 |
| Bank and cash balance | | 8,201.86 | 1,321.05 | 2,401,754.32 |
| Securities and investments | | | 2,000.00 | 864,081.66 |
| Accounts receivable | 365.98 | 26,210.30 | 585.98 | 3,593,482.82 |
| Inventories | | | | 1,081,825.57 |
| Sinking fund on local debentures | | | | 8,017,924.03 |
| Equity in H-E.P.C. systems | 5,470.06 | | 9,042.51 | 28,796,956.95 |
| Other assets | 35.00 | 22,669.04 | | 291,141.03 |
| Total assets | 18,863.04 | 915,443.93 | 24,685.99 | 123,926,898.90 |
| Deficit | 1,657.30 | | | 4,064.59 |
| Total | 20,520.34 | 915,443.93 | 24,685.99 | 123,930,963.49 |
| LIABILITIES | | | | |
| Debenture balance | | 359,508.92 | 3,364.10 | 33,198,700.44 |
| Accounts payable | | 6,234.78 | 48.98 | 2,712,914.44 |
| Bank overdraft | 195.14 | | | 29,622.87 |
| Other liabilities | 35.00 | | 30.00 | 3,383,163.11 |
| Total liabilities | 230.14 | 365,743.70 | 3,443.08 | 39,324,400.86 |
| RESERVES | | | | |
| For equity in H-E.P.C. systems | 5,470.06 | | 9,042.51 | 28,796,956.95 |
| For depreciation | 5,120.14 | 190,987.43 | 4,730.60 | 15,197,598.02 |
| Other reserves | | | | 1,902,626.88 |
| Total reserves | 10,590.20 | 190,987.43 | 13,773.11 | 45,897,181.85 |
| SURPLUS | | | | |
| Debentures paid | 9,700.00 | 240,491.08 | 2,227.51 | 19,889,130.22 |
| Local sinking fund | | | | 8,017,924.03 |
| Operating surplus | | 118,221.72 | 5,242.29 | 10,802,326.53 |
| Total surplus | 9,700.00 | 358,712.80 | 7,469.80 | 38,709,380.78 |
| Total liabilities, reserves and surplus | 20,520.34 | 915,443.93 | 24,685.99 | 123,930,963.49 |
| Percentage of net debt to total assets | 1.5 | 40.0 | 22.0 | 34.8 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1935

GEORGIAN BAY SYSTEM

| Alliston<br>1,412 | Arthur<br>1,034 | Barrie<br>7,725 | Beaverton<br>932 | Beeton<br>621 | Bradford<br>1,002 | Brechin<br>621 | Cannington<br>786 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 675.73 | .... | 14,199.11 | 299.50 | .... | .... | .... | .... |
| .... | .... | 15,285.02 | .... | 428.50 | 388.50 | .... | .... |
| 26,791.07 | 17,407.12 | 58,431.11 | 24,335.95 | 11,753.79 | 19,589.82 | 1,789.59 | 10,195.33 |
| .... | .... | 66,437.67 | .... | .... | .... | .... | .... |
| 7,250.73 | 4,110.35 | 41,005.83 | 8,017.19 | 2,274.43 | 4,243.09 | 1,126.71 | 4,262.88 |
| 7,373.97 | 3,548.54 | 40,046.94 | 6,115.08 | 2,082.99 | 4,235.85 | 726.95 | 4,358.85 |
| 1,522.69 | 767.21 | 12,063.80 | 1,226.98 | 1,169.54 | 544.95 | 212.44 | 924.69 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 2,778.67 | 369.87 | 7,787.13 | 2,663.01 | 1,433.38 | 1,828.94 | 553.28 | 719.58 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 7,846.49 | 1,086.62 | 42,634.32 | 3,772.42 | .... | .... | .... | 3,609.37 |
| 54,239.35 | 27,289.71 | 297,890.93 | 46,430.13 | 19,142.63 | 30,831.15 | 4,408.97 | 24,070.70 |
| 3,464.63 | 6.72 | 3,870.26 | .... | 2,070.07 | 2,324.99 | 544.91 | 1,472.06 |
| .... | .... | .... | 7,000.00 | .... | 1,000.00 | .... | 1,326.62 |
| 1,035.43 | 1,306.14 | 23,908.81 | 2,088.08 | 337.60 | 3,573.02 | 1,280.72 | 1,105.09 |
| 64.80 | .... | 1,374.65 | .... | .... | 11.70 | 20.80 | 131.38 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 14,331.27 | 13,155.09 | 92,801.51 | 14,444.80 | 10,657.49 | 11,903.31 | 5,562.91 | 10,890.55 |
| 2.50 | .... | 643.44 | 446.47 | .... | 208.74 | 26.85 | 29.00 |
| 73,137.98 | 41,757.66 | 420,489.60 | 70,409.48 | 32,207.79 | 49,852.91 | 11,845.16 | 39,025.40 |
| .... | 11,827.67 | .... | .... | 1,133.67 | .... | .... | .... |
| 73,137.98 | 53,585.33 | 420,489.60 | 70,409.48 | 33,341.46 | 49,852.91 | 11,845.16 | 39,025.40 |
| 22,930.75 | 16,071.34 | 21,026.48 | 5,404.43 | 9,165.98 | 16,352.59 | 1,939.90 | 6,646.49 |
| 1,255.63 | 3,035.79 | 14,840.84 | 819.77 | 381.81 | 573.52 | .... | 132.85 |
| .... | .... | .... | 27.02 | .... | .... | .... | .... |
| 2.50 | .... | 470.80 | 446.47 | .... | 208.74 | 26.85 | 29.00 |
| 24,188.88 | 19,107.13 | 36,338.12 | 6,697.69 | 9,547.79 | 17,134.85 | 1,966.75 | 6,808.34 |
| 14,331.27 | 13,155.09 | 92,801.51 | 14,444.80 | 10,657.49 | 11,903.31 | 5,562.91 | 10,890.55 |
| 15,257.48 | 12,394.45 | 67,967.81 | 11,440.35 | 7,302.16 | 9,128.40 | 1,945.24 | 8,653.50 |
| .... | .... | 400.00 | .... | .... | .... | .... | .... |
| 29,588.75 | 25,549.54 | 161,169.32 | 25,885.15 | 17,959.65 | 21,031.71 | 7,508.15 | 19,544.05 |
| 17,069.25 | 8,928.66 | 86,973.52 | 9,595.57 | 5,834.02 | 8,847.41 | 1,271.02 | 8,353.51 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 2,291.10 | .... | 136,008.64 | 28,231.07 | .... | 2,838.94 | 1,099.24 | 4,319.50 |
| 19,360.35 | 8,928.66 | 222,982.16 | 37,826.64 | 5,834.02 | 11,686.35 | 2,370.26 | 12,673.01 |
| 73,137.98 | 53,585.33 | 420,489.60 | 70,409.48 | 33,341.46 | 49,852.91 | 11,845.16 | 39,025.40 |
| 41.1 | 66.8 | 11.1 | 12.0 | 44.3 | 45.2 | 31.3 | 24.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality<br>Population | Chatsworth<br>302 | Chesley<br>1,794 | Coldwater<br>608 | Collingwood<br>5,416 | Cookstown<br>P.V. |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 229.00 | | 275.00 | 15,950.08 | 60.00 |
| Substation equipment | | 595.98 | | 11,203.24 | 392.95 |
| Distribution system—overhead | 4,918.77 | 19,951.45 | 7,939.29 | 48,034.00 | 9,136.76 |
| Distribution system—underground | | | | | |
| Line transformers | 1,618.38 | 6,809.24 | 2,779.67 | 17,032.06 | 2,232.60 |
| Meters | 1,525.20 | 6,608.66 | 2,764.00 | 22,218.00 | 2,217.67 |
| Street light equipment, regular | 529.17 | 1,201.48 | 465.73 | 2,876.90 | 701.86 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 399.31 | 3,417.12 | 196.92 | 1,290.00 | 1,533.75 |
| Steam or hydraulic plant | | | | | |
| Old plant | | 5,503.60 | | | |
| Total plant | 9,219.83 | 44,087.53 | 14,420.61 | 118,604.28 | 16,275.59 |
| Bank and cash balance | 1,350.67 | 864.15 | 1,972.49 | 5,753.39 | 5,122.87 |
| Securities and investments | | 10,000.00 | 4,000.00 | 16,000.00 | |
| Accounts receivable | 1,051.12 | 2,595.85 | 2,385.14 | 5,851.20 | 775.92 |
| Inventories | | 133.49 | | 367.24 | |
| Sinking fund on local debentures | 3,655.16 | | | | |
| Equity in H-E.P.C. systems | 2,811.97 | 23,498.03 | 9,318.31 | 95,801.86 | 3,386.73 |
| Other assets | | | 95.00 | 1,953.01 | 20.00 |
| Total assets | 18,088.75 | 81,179.05 | 32,191.55 | 244,330.98 | 25,581.11 |
| Deficit | | | | | |
| Total | 18,088.75 | 81,179.05 | 32,191.55 | 244,330.98 | 25,581.11 |
| LIABILITIES | | | | | |
| Debenture balance | 4,422.81 | 825.91 | 3,050.93 | | 5,934.31 |
| Accounts payable | 2.53 | | 97.95 | 21.14 | 33.26 |
| Bank overdraft | | | | | |
| Other liabilities | | | 95.00 | 1,953.01 | 20.00 |
| Total liabilities | 4,425.34 | 825.91 | 3,243.88 | 1,974.15 | 5,987.57 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 2,811.97 | 23,498.03 | 9,318.31 | 95,801.86 | 3,386.73 |
| For depreciation | 2,548.26 | 15,914.88 | 7,878.74 | 48,425.91 | 6,574.36 |
| Other reserves | | | | | |
| Total reserves | 5,360.23 | 39,412.91 | 17,197.05 | 144,227.77 | 9,961.09 |
| SURPLUS | | | | | |
| Debentures paid | 977.19 | 26,674.09 | 3,949.07 | 38,183.42 | 7,565.69 |
| Local sinking fund | 3,655.16 | | | | |
| Operating surplus | 3,670.83 | 14,266.14 | 7,801.55 | 59,945.64 | 2,066.76 |
| Total surplus | 8,303.18 | 40,940.23 | 11,750.62 | 98,129.06 | 9,632.45 |
| Total liabilities, reserves and surplus | 18,088.75 | 81,179.05 | 32,191.55 | 244,330.98 | 25,581.11 |
| Percentage of net debt to total assets | 6.6 | 1.4 | 14.2 | 1.3 | 27.0 |

### "A"—Continued

### Hydro Municipalities as at December 31, 1935

| Creemore<br>656 | Dundalk<br>709 | Durham<br>1,825 | Elmvale<br>P.V. | Elmwood<br>P.V. | Flesherton<br>469 | Grand Valley<br>575 | Gravenhurst<br>1,985 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| ........ | ........ | 56.59 | 106.25 | ........ | | 36.50 | 3,526.17 |
| ........ | ........ | 546.02 | 2,273.07 | ........ | ........ | ........ | 5,358.90 |
| 7,291.01 | 7,855.60 | 21,925.33 | 8,480.10 | 4,812.76 | 5,446.88 | 11,341.14 | 26,259.22 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 3,171.36 | 3,487.56 | 7,040.30 | 3,959.64 | 833.38 | 1,797.67 | 2,179.63 | 7,902.55 |
| 3,021.57 | 2,540.01 | 6,959.33 | 3,475.84 | 1,050.00 | 2,230.11 | 2,800.89 | 9,479.18 |
| 295.27 | 1,082.10 | 1,408.66 | 447.17 | 302.28 | 720.51 | 527.83 | 4,128.52 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 36.62 | 370.38 | 1,858.81 | 566.27 | 1,093.62 | 921.68 | 205.70 | 2,563.15 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | 380.94 | 2,091.39 | ........ | ........ | ........ | 919.85 | 28,055.29 |
| 13,815.83 | 15,716.59 | 41,886.43 | 19,308.34 | 8,092.04 | 11,116.85 | 18,011.54 | 87,272.98 |
| 1,564.78 | 443.12 | 523.49 | 2,278.60 | 2,942.78 | 3,871.14 | 3,239.29 | 9,180.08 |
| ........ | 3,000.00 | 7,000.00 | 2,500.00 | ........ | ........ | 2,128.60 | ........ |
| 617.80 | 1,320.79 | 4,238.87 | 600.02 | 276.31 | 748.79 | 896.57 | 3,350.32 |
| ........ | 31.62 | 62.60 | 7.20 | ........ | 17.28 | 3.60 | 793.76 |
| ........ | ........ | ........ | ........ | 433.44 | ........ | ........ | 8,785.05 |
| 8,093.08 | 8,017.80 | 21,531.73 | 10,669.25 | 2,604.43 | 4,499.12 | 8,016.37 | 16,021.28 |
| 54.00 | ........ | ........ | ........ | ........ | ........ | ........ | 250.00 |
| 24,145.49 | 28,529.92 | 75,243.12 | 35,363.41 | 14,349.00 | 20,253.18 | 32,295.97 | 125,653.47 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 24,145.49 | 28,529.92 | 75,243.12 | 35,363.41 | 14,349.00 | 20,253.18 | 32,295.97 | 125,653.47 |
| ........ | ........ | 411.22 | 2,634.86 | 1,687.06 | 3,200.47 | 904.74 | 10,287.88 |
| ........ | 130.43 | 85.70 | 567.54 | 85.62 | 414.84 | ........ | 282.28 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 54.00 | ........ | ........ | ........ | ........ | ........ | ........ | 250.00 |
| 54.00 | 130.43 | 496.92 | 3,202.40 | 1,772.68 | 3,615.31 | 904.74 | 10,820.16 |
| 8,093.08 | 8,017.80 | 21,531.73 | 10,669.25 | 2,604.43 | 4,499.12 | 8,016.37 | 16,021.28 |
| 3,961.34 | 4,519.14 | 12,066.90 | 7,750.52 | 3,162.19 | 4,032.00 | 6,115.39 | 17,599.81 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | 286.28 |
| 12,054.42 | 12,536.94 | 33,598.63 | 18,419.77 | 5,766.62 | 8,531.12 | 14,131.76 | 33,907.37 |
| 2,823.61 | 6,336.90 | 25,388.78 | 4,365.14 | 5,512.94 | 3,499.53 | 10,095.26 | 53,680.53 |
| ........ | ........ | ........ | ........ | 433.44 | ........ | ........ | 8,785.05 |
| 9,213.46 | 9,525.65 | 15,758.79 | 9,376.10 | 863.32 | 4,607.22 | 7,164.21 | 18,460.36 |
| 12,037.07 | 15,862.55 | 41,147.57 | 13,741.24 | 6,809.70 | 8,106.75 | 17,259.47 | 80,925.94 |
| 24,145.49 | 28,529.92 | 75,243.12 | 35,363.41 | 14,349.00 | 20,253.18 | 32,295.97 | 125,653.47 |
| ........ | 0.1 | 0.9 | 13.0 | 15.7 | 22.9 | 3.7 | 10.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Hanover | Holstein | Huntsville | Kincardine | Kirkfield |
|---|---|---|---|---|---|
| Population | 3,006 | P.V. | 2,651 | 2,354 | P.V. |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 3,001.32 | | 353.52 | 6,531.80 | |
| Substation equipment | 9,271.19 | | 647.30 | 2,794.20 | |
| Distribution system—overhead | 49,342.78 | 2,102.68 | 13,837.68 | 42,901.86 | 5,130.67 |
| Distribution system—underground | | | | | |
| Line transformers | 16,924.12 | 571.82 | 7,058.02 | 11,266.45 | 557.90 |
| Meters | 15,787.15 | 544.92 | 10,052.63 | 10,920.90 | 722.75 |
| Street light equipment, regular | 2,326.30 | 168.69 | 2,262.52 | 5,420.36 | 379.00 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 5,183.57 | 205.93 | 1,215.75 | 5,186.49 | 301.53 |
| Steam or hydraulic plant | | | | | |
| Old plant | 2,370.91 | | 5,436.20 | | |
| Total plant | 104,207.34 | 3,594.04 | 40,863.62 | 85,022.06 | 7,091.85 |
| Bank and cash balance | 6,148.69 | 857.43 | 2,456.04 | | 840.63 |
| Securities and investments | 26,094.26 | | 19,323.25 | | |
| Accounts receivable | 4,381.18 | 1,736.06 | 3,878.32 | 5,218.95 | 312.91 |
| Inventories | 136.97 | 54.81 | 1,572.89 | 772.80 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 55,517.39 | 1,788.55 | 38,179.27 | 24,910.03 | 2,135.13 |
| Other assets | | | 782.50 | | |
| Total assets | 196,485.83 | 8,030.89 | 107,055.89 | 115,923.84 | 10,380.52 |
| Deficit | | | | | 1,356.93 |
| Total | 196,485.83 | 8,030.89 | 107,055.89 | 115,923.84 | 11,737.45 |
| LIABILITIES | | | | | |
| Debenture balance | 22,562.47 | | 894.97 | 24,201.09 | 2,203.71 |
| Accounts payable | 3,141.31 | 1,244.86 | 32.16 | 307.45 | 1,165.89 |
| Bank overdraft | | | | 26.20 | |
| Other liabilities | 4.42 | | 782.50 | | |
| Total liabilities | 25,708.20 | 1,244.86 | 1,709.63 | 24,534.74 | 3,369.60 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 55,517.39 | 1,788.55 | 38,179.27 | 24,910.03 | 2,135.13 |
| For depreciation | 42,560.26 | 1,353.18 | 13,497.85 | 19,891.33 | 2,436.43 |
| Other reserves | | | 300.00 | | |
| Total reserves | 98,077.65 | 3,141.73 | 51,977.12 | 44,801.36 | 4,571.56 |
| SURPLUS | | | | | |
| Debentures paid | 64,937.53 | 2,762.05 | 20,238.57 | 39,998.91 | 3,796.29 |
| Local sinking fund | | | | | |
| Operating surplus | 7,762.45 | 882.25 | 33,130.57 | 6,588.83 | |
| Total surplus | 72,699.98 | 3,644.30 | 53,369.14 | 46,587.74 | 3,796.29 |
| Total liabilities, reserves and surplus | 196,485.83 | 8,030.89 | 107,055.89 | 115,923.84 | 11,737.45 |
| Percentage of net debt to total assets | 18.2 | 19.9 | 2.5 | 27.0 | 40.9 |

**"A"—Continued**

**Hydro Municipalities as at December 31, 1935**

| Lucknow 1,055 | Markdale 793 | Meaford 2,722 | Midland 7,250 | Mildmay 741 | Mount Forest 1,826 | Neustadt 491 | Orangeville 2,789 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
|  |  | 1,104.93 | 19,983.57 |  | 3,725.00 |  | 2,585.07 |
|  | 780.80 | 2,404.45 | 85,096.20 |  | 686.75 |  | 1,169.00 |
| 17,254.26 | 10,387.33 | 31,112.73 | 94,474.14 | 6,016.98 | 22,819.95 | 9,995.44 | 32,579.63 |
|  |  |  |  |  |  |  |  |
| 4,770.36 | 4,151.74 | 7,930.58 | 23,535.11 | 1,657.05 | 6,492.49 | 3,641.93 | 8,485.01 |
| 4,921.91 | 3,538.09 | 7,752.83 | 36,872.44 | 2,387.87 | 7,523.26 | 2,017.85 | 11,797.99 |
| 1,425.49 | 1,314.08 | 3,228.89 | 20,587.44 | 561.88 | 2,302.55 | 496.41 | 7,532.55 |
|  |  |  |  |  |  |  |  |
| 2,596.18 | 693.68 | 2,341.89 | 4,637.57 | 907.06 | 2,061.00 | 1,521.48 | 6,358.24 |
|  |  |  |  |  |  |  |  |
|  | 2,080.65 | 3,453.88 |  | 849.00 | 3,810.95 | 1,097.60 | 3,204.99 |
| 30,968.20 | 22,946.37 | 59,330.18 | 285,186.47 | 12,379.84 | 49,421.95 | 18,770.71 | 73,712.48 |
| 1,571.00 | 3,148.56 | 76.32 |  | 3,044.13 | 138.09 | 2,612.71 | 8,763.43 |
| 4,500.00 | 1,255.13 | 16,853.60 | 29,000.00 |  | 4,000.00 |  | 2,500.00 |
| 1,877.96 | 1,507.24 | 3,088.19 | 27,228.04 | 880.83 | 2,432.77 | 4,481.67 | 3,539.35 |
|  | 35.00 | 141.49 | 2,506.43 | 33.23 | 82.00 | 22.14 | 326.24 |
|  |  |  |  |  |  |  |  |
| 11,948.34 | 6,420.65 | 16,995.39 | 150,526.67 | 892.70 | 20,445.00 | 4,739.25 | 27,373.60 |
|  |  | 1,067.38 | 824.04 |  |  |  |  |
| 50,865.50 | 35,312.95 | 97,552.55 | 495,271.65 | 17,230.73 | 76,519.81 | 30,626.48 | 116,215.10 |
|  |  |  |  |  |  | 118.14 |  |
| 50,865.50 | 35,312.95 | 97,552.55 | 495,271.65 | 17,230.73 | 76,519.81 | 30,744.62 | 116,215.10 |
| 8,707.02 | 4,812.94 | 31,454.71 | 21,131.84 | 11,445.12 | 10,344.37 | 4,607.37 | 3,063.94 |
| 351.45 | 513.89 | 119.31 | 7,434.79 | 59.08 | 250.00 | 1,450.77 | 727.90 |
|  |  | 444.98 | 15,402.79 |  |  |  |  |
|  | 22.00 | 1,067.38 | 824.04 |  |  |  |  |
| 9,058.47 | 5,348.83 | 33,086.38 | 44,793.46 | 11,504.20 | 10,594.37 | 6,058.14 | 3,791.84 |
| 11,948.34 | 6,420.65 | 16,995.39 | 150,526.67 | 892.70 | 20,445.00 | 4,739.25 | 27,373.60 |
| 6,515.27 | 5,900.40 | 11,156.59 | 128,547.93 | 648.00 | 16,943.12 | 7,554.60 | 23,450.86 |
|  |  |  | 2,951.56 |  |  |  |  |
| 18,463.61 | 12,321.05 | 28,151.98 | 282,026.16 | 1,540.70 | 37,388.12 | 12,293.85 | 50,824.46 |
| 11,016.34 | 4,187.06 | 17,905.49 | 90,938.15 | 858.38 | 20,614.23 | 12,392.63 | 32,836.06 |
|  |  |  |  |  |  |  |  |
| 12,327.08 | 13,456.01 | 18,408.70 | 77,513.88 | 3,327.45 | 7,923.09 |  | 28,762.74 |
| 23,343.42 | 17,643.07 | 36,314.19 | 168,452.03 | 4,185.83 | 28,537.32 | 12,392.63 | 61,598.80 |
| 50,865.50 | 35,312.95 | 97,552.55 | 495,271.65 | 17,230.73 | 76,519.81 | 30,744.62 | 116,215.10 |
| 23.3 | 18.5 | 41.1 | 13.0 | 70.4 | 18.9 | 23.4 | 4.3 |

## STATEMENT

## Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality<br>Population | Owen Sound<br>12,923 | Paisley<br>728 | Penetanguishene<br>4,352 | Port Elgin<br>1,301 | Port McNicoll<br>935 |
|---|---|---|---|---|---|
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 25,978.31 | | 2,262.10 | 111.25 | 369.08 |
| Substation equipment | 15,131.59 | 1,933.26 | 7,076.39 | | |
| Distribution system—overhead | 108,076.27 | 11,562.78 | 41,344.97 | 25,907.50 | 8,040.07 |
| Distribution system—underground | | | | | |
| Line transformers | 46,500.78 | 1,602.53 | 15,402.52 | 6,103.51 | 1,508.48 |
| Meters | 56,737.90 | 3,003.08 | 13,463.23 | 6,331.95 | 2,527.13 |
| Street light equipment, regular | 27,973.09 | 1,045.51 | 3,511.38 | 2,089.20 | 468.63 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 4,202.39 | 853.45 | 1,541.97 | 574.61 | 634.70 |
| Steam or hydraulic plant | 33,282.00 | | | | |
| Old plant | | 1,745.00 | | 4,213.00 | |
| Total plant | 317,882.33 | 21,745.61 | 84,602.56 | 45,331.02 | 13,548.09 |
| Bank and cash balance | 31,562.57 | 2,839.12 | 1,776.34 | 6,616.47 | 222.75 |
| Securities and investments | | 2,500.00 | 872.14 | 10,000.00 | |
| Accounts receivable | 16,380.84 | 1,086.90 | 3,802.78 | 311.35 | 634.59 |
| Inventories | 10,563.39 | | 192.32 | 28.22 | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 129,124.45 | 6,862.12 | 43,200.02 | 3,876.63 | 4,134.47 |
| Other assets | | | 254.57 | | |
| Total assets | 505,513.58 | 35,033.75 | 134,700.73 | 66,163.69 | 18,539.90 |
| Deficit | | | | | |
| Total | 505,513.58 | 35,033.75 | 134,700.73 | 66,163.69 | 18,539.90 |
| LIABILITIES | | | | | |
| Debenture balance | | 8,481.18 | 12,035.62 | 34,981.33 | 1,010.58 |
| Accounts payable | 292.13 | 746.11 | 3,744.35 | 4,369.21 | 407.69 |
| Bank overdraft | | | | | |
| Other liabilities | 2,988.13 | | 254.57 | 10.00 | |
| Total liabilities | 3,280.26 | 9,227.29 | 16,034.54 | 39,360.54 | 1,418.27 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 129,124.45 | 6,862.12 | 43,200.02 | 3,876.63 | 4,134.47 |
| For depreciation | 65,613.44 | 4,551.92 | 33,535.19 | 3,943.78 | 4,757.34 |
| Other reserves | | | 1,000.00 | | |
| Total reserves | 194,737.89 | 11,414.04 | 77,735.21 | 7,820.41 | 8,891.81 |
| SURPLUS | | | | | |
| Debentures paid | 141,000.00 | 7,518.82 | 24,947.33 | 7,018.67 | 6,289.42 |
| Local sinking fund | | | | | |
| Operating surplus | 166,495.43 | 6,873.60 | 15,983.65 | 11,964.07 | 1,940.40 |
| Total surplus | 307,495.43 | 14,392.42 | 40,930.98 | 18,982.74 | 8,229.82 |
| Total liabilities, reserves and surplus | 505,513.58 | 35,033.75 | 134,700.73 | 66,163.69 | 18,539.90 |
| Percentage of net debt to total assets | 0.9 | 32.8 | 17.5 | 63.2 | 9.8 |

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Port Perry 1,146 | Priceville P.V. | Ripley 450 | Rosseau 300 | Shelburne 1,166 | Southampton 1,355 | Stayner 900 | Sunderland P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | 68.00 | | | 800.00 | 25.00 | | |
| 2,564.65 | | | | 566.60 | | 200.00 | |
| 19,017.77 | 4,717.36 | 9,975.19 | 7,183.82 | 14,735.46 | 20,948.31 | 13,203.08 | 4,151.87 |
| | | | | | | | |
| 4,676.69 | 702.86 | 3,551.90 | 2,204.63 | 6,309.57 | 6,275.07 | 5,603.35 | 1,424.35 |
| 4,130.00 | 380.00 | 1,500.13 | 1,072.07 | 6,538.06 | 7,310.75 | 5,501.54 | 2,107.48 |
| 1,037.90 | 139.88 | 844.33 | 451.87 | 1,059.60 | 2,000.73 | 966.80 | 627.74 |
| | | | | | | | |
| 143.78 | 833.90 | 1,266.68 | 1,126.07 | 2,253.26 | 955.09 | 326.63 | 198.22 |
| | | | | | | | |
| | | | | 739.50 | 2,077.00 | 4,132.41 | 2,030.00 |
| 31,570.79 | 6,842.00 | 17,138.23 | 12,038.46 | 33,002.05 | 39,591.95 | 29,933.81 | 10,539.66 |
| 2,306.62 | 65.01 | 1,270.80 | 2,284.67 | 1,821.73 | 3,968.52 | 1,611.57 | 205.06 |
| 10,000.00 | | | | 2,500.00 | | 4,000.00 | 2,051.81 |
| 2,140.10 | 518.25 | 641.94 | 530.94 | 2,065.46 | 293.06 | 1,304.98 | 474.91 |
| | | | | 68.04 | 13.82 | | 15.00 |
| | | | | | | | |
| 10,191.04 | 599.23 | 4,903.43 | 1,520.26 | 12,518.27 | 3,746.42 | 10,756.87 | 7,251.24 |
| 495.44 | | | | | | 101.78 | 6.00 |
| 56,703.99 | 8,024.49 | 23,954.40 | 16,374.33 | 51,975.55 | 47,613.77 | 47,709.01 | 20,543.68 |
| | 1,659.86 | | | | | | |
| 56,703.99 | 9,684.35 | 23,954.40 | 16,374.33 | 51,975.55 | 47,613.77 | 47,709.01 | 20,543.68 |
| 13,329.06 | 2,203.64 | 9,555.70 | 12,272.00 | 1,457.00 | 20,275.13 | 411.67 | 2,526.68 |
| | 125.57 | 1.40 | 272.54 | 11.77 | 720.33 | 61.73 | 24.08 |
| | | | | | | | |
| 495.44 | 74.45 | 60.00 | | 13.00 | 2.00 | 101.78 | 6.00 |
| 13,824.50 | 2,403.66 | 9,617.10 | 12,544.54 | 1,481.77 | 20,997.46 | 575.18 | 2,556.76 |
| 10,191.04 | 599.23 | 4,903.43 | 1,520.26 | 12,518.27 | 3,746.42 | 10,756.87 | 7,251.24 |
| 7,305.90 | 1,885.10 | 3,877.31 | 899.47 | 11,785.33 | 3,099.29 | 10,730.05 | 3,778.00 |
| | | | | | | | |
| 17,496.94 | 2,484.33 | 8,780.74 | 2,419.73 | 24,303.60 | 6,845.71 | 21,486.92 | 11,029.24 |
| 6,552.60 | 4,796.36 | 4,416.24 | 728.00 | 18,463.00 | 12,724.87 | 13,588.33 | 4,273.32 |
| 18,829.95 | | 1,140.32 | 682.06 | 7,727.18 | 7,045.73 | 12,058.58 | 2,684.36 |
| 25,382.55 | 4,796.36 | 5,556.56 | 1,410.06 | 26,190.18 | 19,770.60 | 25,646.91 | 6,957.68 |
| 56,703.99 | 9,684.35 | 23,954.40 | 16,374.33 | 51,975.55 | 47,613.77 | 47,709.01 | 20,543.68 |
| 29.7 | 32.4 | 50.5 | 84.5 | 3.8 | 47.9 | 1.6 | 19.2 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**GEORGIAN BAY SYSTEM—Concluded**

| Municipality | Tara | Teeswater | Thornton | Tottenham | Uxbridge |
|---|---|---|---|---|---|
| Population | 509 | 796 | P.V. | 514 | 1,514 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | | | | 40.00 |
| Substation equipment | | 330.31 | | 358.50 | 2,657.65 |
| Distribution system—overhead | 11,118.17 | 16,987.54 | 6,478.82 | 8,171.10 | 13,522.71 |
| Distribution system—underground | | | | | |
| Line transformers | 2,292.77 | 4,760.65 | 1,015.06 | 1,256.38 | 3,718.53 |
| Meters | 1,773.78 | 3,416.28 | 912.23 | 2,109.02 | 4,585.54 |
| Street light equipment, regular | 430.59 | 1,406.90 | 381.95 | 466.26 | 1,379.46 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 1,414.55 | 1,881.49 | 300.35 | 1,331.88 | 886.42 |
| Steam or hydraulic plant | | | | | |
| Old plant | | 4,976.86 | | 286.45 | |
| Total plant | 17,029.86 | 33,760.03 | 9,088.41 | 13,979.59 | 26,790.31 |
| Bank and cash balance | 1,509.71 | 1,405.67 | 27.38 | 468.06 | 695.04 |
| Securities and investments | | 1,000.00 | | | 8,000.00 |
| Accounts receivable | 688.70 | 1,045.28 | 504.48 | 216.27 | 2,230.45 |
| Inventories | | | | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 5,657.70 | 7,945.13 | 2,222.05 | 6,974.63 | 10,900.67 |
| Other assets | | | | 220.15 | 25.45 |
| Total assets | 24,885.97 | 45,156.11 | 11,842.32 | 21,858.70 | 48,641.92 |
| Deficit | 2,734.90 | | 3,551.67 | 3,735.00 | |
| Total | 27,620.87 | 45,156.11 | 15,393.99 | 25,593.70 | 48,641.92 |
| LIABILITIES | | | | | |
| Debenture balance | 3,453.62 | 9,665.77 | 2,461.23 | 6,800.27 | 9,733.95 |
| Accounts payable | | 897.09 | 1,304.14 | | 55.35 |
| Bank overdraft | | | | | |
| Other liabilities | | 34.00 | | 220.15 | 25.45 |
| Total liabilities | 3,453.62 | 10,596.86 | 3,765.37 | 7,020.42 | 9,814.75 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 5,657.70 | 7,945.13 | 2,222.05 | 6,974.63 | 10,900.67 |
| For depreciation | 6,463.17 | 5,655.23 | 4,367.80 | 5,431.82 | 5,203.35 |
| Other reserves | | | | | |
| Total reserves | 12,120.87 | 13,600.36 | 6,589.85 | 12,406.45 | 16,104.02 |
| SURPLUS | | | | | |
| Debentures paid | 12,046.38 | 18,334.23 | 5,038.77 | 6,166.83 | 6,473.64 |
| Local sinking fund | | | | | |
| Operating surplus | | 2,624.66 | | | 16,249.51 |
| Total surplus | 12,046.38 | 20,958.89 | 5,038.77 | 6,166.83 | 22,723.15 |
| Total liabilities, reserves and surplus | 27,620.87 | 45,156.11 | 15,393.99 | 25,593.70 | 48,641.92 |
| Percentage of net debt to total assets | 18.0 | 28.5 | 39.1 | 47.2 | 26.0 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1935

| Victoria Harbor 1,164 | Walkerton 2,461 | Waubaushene P.V. | Wiarton 1,782 | Windermere 127 | Wingham 2,024 | Woodville 442 | GEORGIAN BAY SYSTEM SUMMARY |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
|  |  |  | 200.00 |  | 9,163.34 |  | 111,716.22 |
|  |  |  |  |  | 4,863.91 |  | 175,004.93 |
| 8,967.55 | 41,573.07 | 7,336.73 | 21,314.73 | 9,252.66 | 40,474.75 | 3,015.16 | 1,168,719.66 |
|  |  |  |  |  |  |  | 66,437.67 |
| 1,481.93 | 11,003.32 | 1,907.40 | 5,759.43 | 3,079.65 | 16,004.55 | 2,127.54 | 386,451.28 |
| 2,401.49 | 10,519.26 | 2,038.24 | 5,923.97 | 1,002.87 | 14,687.68 | 2,179.77 | 412,373.67 |
| 366.32 | 2,513.25 | 282.35 | 1,960.48 | 247.26 | 3,489.76 | 398.27 | 136,665.45 |
|  |  |  |  |  |  |  |  |
| 696.65 | 1,990.87 | 353.39 | 5,343.65 | 525.65 | 4,340.47 | 307.91 | 100,081.59 |
|  |  |  |  |  | 14,711.99 |  | 47,993.99 |
|  | 4,897.60 |  | 2,258.84 |  | 12,320.02 | 2,182.50 | 160,063.65 |
| 13,913.94 | 72,497.37 | 11,918.11 | 42,761.10 | 14,108.09 | 120,056.47 | 10,211.15 | 2,765,508.11 |
| 815.42 | 6,152.62 | 1,915.30 | 3,914.12 | 162.90 | 3,419.43 | 1,043.05 | 160,597.45 |
|  |  |  | 5,000.00 |  | 7,000.00 | 5,000.00 | 215,405.41 |
| 505.50 | 3,454.92 | 637.83 | 2,221.23 | 1,153.11 | 5,509.29 | 1,582.91 | 169,843.13 |
|  | 902.24 | 10.37 | 6.91 |  | 3,012.98 |  | 23,517.41 |
|  |  |  |  |  |  |  | 12,873.65 |
| 4,457.95 | 7,099.18 | 2,521.03 | 5,781.66 | 1,187.70 | 22,985.27 | 7,227.28 | 1,073,533.56 |
|  |  |  |  |  |  |  | 7,506.32 |
| 19,692.81 | 90,106.33 | 17,002.64 | 59,685.02 | 16,611.80 | 161,983.44 | 25,064.39 | 4,428,785.04 |
|  |  |  |  |  |  |  | 26,117.84 |
| 19,692.81 | 90,106.33 | 17,002.64 | 59,685.02 | 16,611.80 | 161,983.44 | 25,064.39 | 4,454,902.88 |
|  | 54,788.00 |  | 33,834.31 | 10,943.34 | 31,916.79 | 2,365.13 | 562,829.70 |
| 0.50 | 232.73 | 69.06 | 3,005.07 | 1,351.25 | 59.36 | 95.67 | 57,407.49 |
|  |  |  |  |  |  |  | 15,900.99 |
|  | 25.00 |  | 10.00 |  | 451.00 |  | 11,027.68 |
| 0.50 | 55,045.73 | 69.06 | 36,849.38 | 12,294.59 | 32,427.15 | 2,460.80 | 647,165.86 |
| 4,457.95 | 7,099.18 | 2,521.03 | 5,781.66 | 1,187.70 | 22,985.27 | 7,227.28 | 1,073,533.56 |
| 4,469.52 | 4,253.65 | 2,558.86 | 3,615.94 | 1,433.75 | 25,516.40 | 2,269.43 | 782,095.69 |
|  |  |  |  |  |  |  | 4,937.84 |
| 8,927.47 | 11,352.83 | 5,079.89 | 9,397.60 | 2,621.45 | 48,501.67 | 9,496.71 | 1,860,567.09 |
| 6,500.00 | 8,212.00 | 3,500.00 | 3,565.69 | 819.96 | 64,188.71 | 3,134.87 | 1,048,704.84 |
|  |  |  |  |  |  |  | 12,873.65 |
| 4,264.84 | 15,495.77 | 8,353.69 | 9,872.35 | 875.80 | 16,865.91 | 9,972.01 | 885,591.44 |
| 10,764.84 | 23,707.77 | 11,853.69 | 13,438.04 | 1,695.76 | 81,054.62 | 13,106.88 | 1,947,169.93 |
| 19,692.81 | 90,106.33 | 17,002.64 | 59,685.02 | 16,611.80 | 161,983.44 | 25,064.39 | 4,454,902.88 |
|  | 66.3 | 0.5 | 68.4 | 79.7 | 23.3 | 13.8 | 18.8 |

## STATEMENT

### Balance Sheets of Electrical Departments of

EASTERN ONTARIO SYSTEM

| Municipality | Alexandria | Apple Hill | Athens | Bath | Belleville |
|---|---|---|---|---|---|
| Population | 1,945 | P.V. | 562 | 360 | 13,899 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | 169.06 | | | 36,108.70 |
| Substation equipment | | | | | 2,338.65 |
| Distribution system—overhead | 28,142.52 | 2,886.41 | 14,010.14 | 5,895.78 | 109,509.23 |
| Distribution system—underground | | | | | |
| Line transformers | 8,443.14 | 1,288.37 | 1,980.47 | 1,021.65 | 24,559.09 |
| Meters | 6,939.89 | 1,041.01 | 2,662.62 | 707.55 | 57,276.98 |
| Street light equipment, regular | 2,224.20 | 421.12 | 698.90 | 554.37 | 17,381.47 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 5,137.46 | 288.83 | 1,011.61 | 727.38 | 3,711.10 |
| Steam or hydraulic plant | | | | | |
| Old plant | 4,466.89 | 709.55 | | | |
| Total plant | 55,354.10 | 6,804.35 | 20,363.74 | 8,906.73 | 250,885.22 |
| Bank and cash balance | 1,265.76 | 517.39 | 131.40 | 17.59 | 17,261.65 |
| Securities and investments | 5,000.00 | | 2,000.00 | | 5,000.00 |
| Accounts receivable | 6,361.50 | 540.11 | 2,416.18 | 63.85 | 45,812.76 |
| Inventories | | | | | 6,891.58 |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 21,054.12 | 2,102.39 | 3,372.84 | 896.72 | 88,179.28 |
| Other assets | | | | | |
| Total assets | 89,035.48 | 9,964.24 | 28,284.16 | 9,884.89 | 414,030.49 |
| Deficit | | 80.11 | | 273.48 | |
| Total | 89,035.48 | 10,044.35 | 28,284.16 | 10,158.37 | 414,030.49 |
| LIABILITIES | | | | | |
| Debenture balance | 14,691.37 | 2,684.99 | 10,680.70 | 6,818.58 | |
| Accounts payable | 2,372.74 | 276.70 | 28.16 | 1,032.65 | 205.16 |
| Bank overdraft | | | | | |
| Other liabilities | 421.23 | | | 50.00 | 8,531.67 |
| Total liabilities | 17,485.34 | 2,961.69 | 10,708.86 | 7,901.23 | 8,736.83 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 21,054.12 | 2,102.39 | 3,372.84 | 896.72 | 88,179.28 |
| For depreciation | 13,156.76 | 1,665.26 | 2,888.75 | 679.00 | 28,860.60 |
| Other reserves | 771.74 | | 8.56 | | 1,156.66 |
| Total reserves | 34,982.62 | 3,767.65 | 6,270.15 | 1,575.72 | 118,196.54 |
| SURPLUS | | | | | |
| Debentures paid | 33,442.47 | 3,315.01 | 3,319.30 | 681.42 | 176,000.00 |
| Local sinking fund | | | | | |
| Operating surplus | 3,125.05 | | 7,985.85 | | 111,097.12 |
| Total surplus | 36,567.52 | 3,315.01 | 11,305.15 | 681.42 | 287,097.12 |
| Total liabilities, reserves and surplus | 89,035.48 | 10,044.35 | 28,284.16 | 10,158.37 | 414,030.49 |
| Percentage of net debt to total assets | 25.7 | 37.7 | 42.9 | 87.9 | 2.7 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1935

| Bloomfield 677 | Bowmanville 3,602 | Brighton 1,427 | Brockville 9,818 | Cardinal 1,428 | Carleton Place 4,186 | Chesterville 970 | Cobden 637 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | | 45,295.14 | | 13,262.50 | 250.00 | |
| 410.00 | | | 1,000.87 | | 2,471.63 | | |
| 11,114.81 | 43,954.11 | 14,608.53 | 86,977.25 | 11,876.19 | 42,858.47 | 8,197.57 | 3,815.00 |
| | | | | | | | |
| 2,230.77 | 7,840.16 | 4,443.90 | 37,405.23 | 2,850.50 | 11,798.78 | 3,245.64 | 560.00 |
| 2,724.61 | 17,229.45 | 6,599.59 | 43,903.81 | 2,723.71 | 17,117.25 | 4,185.17 | 780.00 |
| 908.20 | 2,921.51 | 821.98 | 24,351.09 | 438.57 | 6,663.28 | 593.64 | 412.00 |
| | | | | | | | |
| 1,403.42 | 3,106.15 | 202.17 | 1,930.36 | 831.05 | 3,843.49 | 773.88 | 45.86 |
| | | | 46,965.86 | | | | |
| | | | 4,821.76 | 3,474.80 | 5,293.19 | | 2,853.85 |
| 18,791.81 | 75,051.38 | 26,676.17 | 292,651.37 | 22,194.82 | 103,308.59 | 17,245.90 | 8,466.71 |
| 1,328.79 | 22,472.36 | 4,016.22 | 200.00 | 3,603.07 | | 20.00 | 777.93 |
| | | | 115,000.00 | | 20,000.00 | 9,000.00 | |
| 567.93 | 14,815.52 | 4,419.54 | 12,870.12 | 1,377.97 | 12,070.76 | 2,456.54 | 1,339.35 |
| | 2,431.52 | 4,445.37 | 2,254.24 | | 734.90 | 674.79 | |
| | | | | | | | |
| 3,481.50 | 23,425.28 | 5,852.69 | 110,118.03 | 2,331.77 | 49,717.81 | 19,637.58 | |
| | | | | | | | |
| 24,170.03 | 138,196.06 | 45,409.99 | 533,093.76 | 29,507.63 | 185,832.06 | 49,034.81 | 10,583.99 |
| | | | | | | | |
| 24,170.03 | 138,196.06 | 45,409.99 | 533,093.76 | 29,507.63 | 185,832.06 | 49,034.81 | 10,583.99 |
| 6,320.38 | 46,274.04 | 20,732.02 | | 12,493.38 | 38,379.78 | 710.30 | 7,371.47 |
| | | | | 14.58 | 2,905.96 | 7.04 | 650.61 |
| | | | 4,786.87 | | 6,780.89 | 443.48 | |
| 43.00 | 780.07 | 129.78 | 45.40 | | 854.90 | | 15.00 |
| 6,363.38 | 47,054.11 | 20,861.80 | 4,832.27 | 12,507.96 | 48,921.53 | 1,160.82 | 8,037.08 |
| 3,481.50 | 23,425.28 | 5,852.69 | 110,118.03 | 2,331.77 | 49,717.81 | 19,637.58 | |
| 5,004.96 | 6,367.50 | 2,852.55 | 84,333.67 | 1,633.80 | 11,775.61 | 8,340.49 | 111.00 |
| | | 899.31 | 13,751.04 | | 1,472.74 | | |
| 8,486.46 | 29,792.78 | 9,604.55 | 208,202.74 | 3,965.57 | 62,966.16 | 27,978.07 | 111.00 |
| 4,879.62 | 24,725.96 | 4,267.98 | 226,657.54 | 2,506.62 | 27,620.22 | 5,789.70 | 431.80 |
| | | | | | | | |
| 4,440.57 | 36,623.21 | 10,675.66 | 93,401.21 | 10,527.48 | 46,324.15 | 14,106.22 | 2,004.11 |
| 9,320.19 | 61,349.17 | 14,943.64 | 320,058.75 | 13,034.10 | 73,944.37 | 19,895.92 | 2,435.91 |
| 24,170.03 | 138,196.06 | 45,409.99 | 533,093.76 | 29,507.63 | 185,832.06 | 49,034.81 | 10,583.99 |
| 30.7 | 41.0 | 52.7 | 1.1 | 46.0 | 35.9 | 3.9 | 75.9 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Cobourg | Colborne | Deseronto | Finch | Hastings |
|---|---|---|---|---|---|
| Population | 5,780 | 1,016 | 1,395 | 400 | 795 |
| ASSETS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | | | | | |
| Substation equipment | 1,668.35 | | 161.18 | | |
| Distribution system—overhead | 67,318.46 | 9,580.67 | 9,713.54 | 7,478.81 | 14,920.93 |
| Distribution system—underground | | | | | |
| Line transformers | 17,836.83 | 1,003.49 | 1,702.57 | 1,393.35 | 1,771.80 |
| Meters | 25,447.48 | 1,555.07 | 4,807.54 | 1,641.83 | 3,090.78 |
| Street light equipment, regular | 8,566.08 | 1,321.40 | 432.60 | 435.62 | 1,232.99 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 3,946.67 | 2,414.36 | 314.19 | 23.24 | 700.18 |
| Steam or hydraulic plant | | | | | |
| Old plant | | | | | 1,733.13 |
| Total plant | 124,783.87 | 15,874.99 | 17,131.62 | 10,972.85 | 23,449.81 |
| Bank and cash balance | 9,586.51 | 4,103.58 | 2,977.04 | 170.93 | 390.38 |
| Securities and investments | 22,580.31 | | | 3,000.00 | 5,500.00 |
| Accounts receivable | 9,297.38 | 791.79 | 957.68 | 735.43 | 721.12 |
| Inventories | 1,949.47 | 548.27 | 874.16 | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 17,572.59 | 1,202.92 | 3,295.20 | 2,424.71 | 1,555.89 |
| Other assets | | | | | |
| Total assets | 185,770.13 | 22,521.55 | 25,235.70 | 17,303.92 | 31,617.20 |
| Deficit | | | | | |
| Total | 185,770.13 | 22,521.55 | 25,235.70 | 17,303.92 | 31,617.20 |
| LIABILITIES | | | | | |
| Debenture balance | 95,643.64 | 11,762.36 | 6,971.41 | 5,116.60 | 18,384.80 |
| Accounts payable | | 83.72 | | 8.94 | |
| Bank overdraft | | | | | |
| Other liabilities | 4,028.08 | 202.00 | 236.12 | | 114.00 |
| Total liabilities | 99,671.72 | 12,048.08 | 7,207.53 | 5,125.54 | 18,498.80 |
| RESERVES | | | | | |
| For equity in H-E.P.C. systems | 17,572.59 | 1,202.92 | 3,295.20 | 2,424.71 | 1,555.89 |
| For depreciation | 8,869.12 | 676.00 | 1,676.92 | 1,528.23 | 1,913.35 |
| Other reserves | | | | 60.00 | |
| Total reserves | 26,441.71 | 1,878.92 | 4,972.12 | 4,012.94 | 3,469.24 |
| SURPLUS | | | | | |
| Debentures paid | 10,349.86 | 432.23 | 8,028.59 | 1,883.40 | 2,615.20 |
| Local sinking fund | | | | | |
| Operating surplus | 49,306.84 | 8,162.32 | 5,027.46 | 6,282.04 | 7,033.96 |
| Total surplus | 59,656.70 | 8,594.55 | 13,056.05 | 8,165.44 | 9,649.16 |
| Total liabilities, reserves and surplus | 185,770.13 | 22,521.55 | 25,235.70 | 17,303.92 | 31,617.20 |
| Percentage of net debt to total assets | 59.3 | 56.5 | 32.9 | 34.4 | 61.6 |

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Havelock | Kemptville | Kingston | Lakefield | Lanark | Lancaster | Lindsay |
|---|---|---|---|---|---|---|
| 1,119 | 1,272 | 23,678 | 1,335 | 623 | 609 | 6,979 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| | | 198,850.79 | 3,137.97 | | | 10,556.68 |
| 572.90 | | 51,600.29 | | | | 3,176.56 |
| 19,560.23 | 20,368.88 | 169,478.75 | 22,037.05 | 6,214.76 | 6,439.01 | 75,633.39 |
| | | 177,817.73 | | | | |
| 2,402.18 | 6,383.89 | 61,025.94 | 5,535.60 | 1,267.23 | 1,044.32 | 21,827.93 |
| 5,371.42 | 6,723.44 | 102,980.41 | 7,206.22 | 1,835.39 | 1,393.52 | 30,503.99 |
| 1,844.93 | 1,063.16 | 74,548.39 | 1,828.16 | 682.38 | 650.65 | 10,311.90 |
| | | | | | | |
| 4,490.91 | 5,758.04 | 44,235.89 | 3,704.90 | 330.38 | 1,068.55 | 1,384.39 |
| | | 15,890.14 | | | | |
| 2,420.45 | | | 3,445.25 | | | |
| 36,663.02 | 40,297.41 | 896,428.33 | 46,895.15 | 10,330.14 | 10,596.05 | 153,394.84 |
| 2,184.03 | | 14,862.90 | 1,515.28 | 1,664.40 | 1,600.40 | 10,839.93 |
| 9,000.00 | 20,000.00 | 292,175.00 | 8,000.00 | 1,982.05 | | 45,000.00 |
| 528.95 | 4,645.32 | 48,841.75 | 887.35 | 537.08 | 2,676.55 | 13,324.86 |
| | 1,070.38 | 7,343.68 | | | | 355.91 |
| | | 17,287.66 | | | | |
| 7,379.72 | 12,664.99 | | 6,869.58 | 3,917.12 | 4,135.33 | 50,053.74 |
| | | 1,000.00 | | | | |
| 55,755.72 | 78,678.10 | 1,277,939.32 | 64,167.36 | 18,430.79 | 19,008.33 | 272,969.28 |
| | | | | | | |
| 55,755.72 | 78,678.10 | 1,277,939.32 | 64,167.36 | 18,430.79 | 19,008.33 | 272,969.28 |
| 12,560.46 | 16,881.83 | 68,682.01 | 24,118.72 | 2,419.84 | 1,744.64 | 97,989.42 |
| 62.94 | 55.96 | | | | 100.05 | |
| | 1,170.67 | | | | | |
| | | 1,668.57 | 487.80 | | 117.24 | 1,951.05 |
| 12,623.40 | 18,108.46 | 70,350.58 | 24,606.52 | 2,419.84 | 1,961.93 | 99,940.47 |
| 7,379.72 | 12,664.99 | | 6,869.58 | 3,917.12 | 4,135.33 | 50,053.74 |
| 8,109.31 | 8,588.80 | 162,414.62 | 11,854.77 | 2,310.25 | 2,969.70 | 23,477.69 |
| | | 250,199.58 | | | | |
| 15,489.03 | 21,253.79 | 412,614.20 | 18,724.35 | 6,227.37 | 7,105.03 | 73,531.43 |
| 20,339.54 | 8,118.17 | 243,217.99 | 9,381.28 | 5,141.63 | 8,225.78 | 32,010.58 |
| | | 17,287.66 | | | | |
| 7,303.75 | 31,197.68 | 534,468.89 | 11,455.21 | 4,641.95 | 1,715.59 | 67,486.80 |
| 27,643.29 | 39,315.85 | 794,974.54 | 20,836.49 | 9,783.58 | 9,941.37 | 99,497.38 |
| 55,755.72 | 78,678.10 | 1,277,939.32 | 64,167.36 | 18,430.79 | 19,008.33 | 272,969.28 |
| 26.1 | 27.4 | 4.2 | 42.9 | 16.7 | 13.2 | 44.8 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Madoc | Marmora | Martintown | Maxville |
|---|---|---|---|---|
| Population | 1,088 | 984 | P.V. | 732 |
| **Assets** | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 100.00 | | 126.15 | |
| Substation equipment | | | | 407.79 |
| Distribution system—overhead | 10,753.76 | 12,794.41 | 2,709.88 | 11,549.05 |
| Distribution system—underground | | | | |
| Line transformers | 2,960.82 | 2,940.19 | 690.33 | 1,540.96 |
| Meters | 4,856.81 | 3,649.68 | 901.05 | 2,428.80 |
| Street light equipment, regular | 1,577.14 | 1,284.09 | 335.26 | 1,605.64 |
| Street light equipment, ornamental | | | | |
| Miscellaneous construction expense | 289.17 | 2,000.91 | 764.13 | 2,387.26 |
| Steam or hydraulic plant | | | | |
| Old plant | | 573.62 | | |
| Total plant | 20,537.70 | 23,242.90 | 5,526.80 | 19,919.50 |
| Bank and cash balance | 4,146.06 | 4,946.39 | 997.75 | 1,388.81 |
| Securities and investments | | 459.22 | | |
| Accounts receivable | 1,035.08 | 1,177.20 | 414.91 | 863.05 |
| Inventories | | | | |
| Sinking fund on local debentures | | | | |
| Equity in H-E.P.C. systems | 3,792.39 | 3,043.45 | 1,320.10 | 6,218.96 |
| Other assets | | | | |
| Total assets | 29,511.23 | 32,869.16 | 8,259.56 | 28,390.32 |
| Deficit | | | 700.85 | |
| Total | 29,511.23 | 32,869.16 | 8,960.41 | 28,390.32 |
| **Liabilities** | | | | |
| Debenture balance | | 6,150.76 | | 5,717.34 |
| Accounts payable | 109.31 | 667.28 | 34.60 | |
| Bank overdraft | | | | |
| Other liabilities | 178.00 | 40.00 | | 80.00 |
| Total liabilities | 287.31 | 6,858.04 | 34.60 | 5,797.34 |
| **Reserves** | | | | |
| For equity in H-E.P.C. systems | 3,792.39 | 3,043.45 | 1,320.10 | 6,218.96 |
| For depreciation | 314.84 | 4,880.60 | 1,466.37 | 4,415.61 |
| Other reserves | | | 139.34 | |
| Total reserves | 4,107.23 | 7,924.05 | 2,925.81 | 10,634.57 |
| **Surplus** | | | | |
| Debentures paid | 14,000.00 | 11,515.35 | 6,000.00 | 10,282.66 |
| Local sinking fund | | | | |
| Operating surplus | 11,116.69 | 6,571.72 | | 1,675.75 |
| Total surplus | 25,116.69 | 18,087.07 | 6,000.00 | 11,958.41 |
| Total liabilities, reserves and surplus | 29,511.23 | 32,869.16 | 8,960.41 | 28,390.32 |
| Percentage of net debt to total assets | 1.1 | 23.0 | 0.5 | 26.1 |

## "A"—Continued

## Hydro Municipalities as at December 31, 1935

| Napanee | Norwood | Omemee | Oshawa | Ottawa | Perth | Peterborough |
|---|---|---|---|---|---|---|
| 2,935 | 761 | 509 | 22,506 | 135,300 | 4,057 | 22,869 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,495.14 | | | 57,016.29 | 434,311.44 | 5,101.01 | 75,202.75 |
| | 457.53 | 360.32 | | 710,407.30 | 5,779.83 | 103,492.41 |
| 42,239.65 | 23,178.85 | 11,429.71 | 188,260.88 | 750,789.23 | 46,186.32 | 223,224.19 |
| | | | | 173,829.16 | | |
| 8,794.33 | 4,409.49 | 2,879.19 | 44,993.99 | 325,149.13 | 23,609.47 | 99,933.91 |
| 16,874.51 | 4,822.00 | 2,508.72 | 102,818.65 | 281,062.37 | 21,668.43 | 95,185.64 |
| 3,963.21 | 1,848.52 | 679.66 | 15,899.04 | 118,171.34 | 4,157.07 | 54,822.58 |
| | | | | | | |
| 2,636.38 | 4,039.32 | 1,540.92 | 6,821.32 | 34,864.64 | 5,328.32 | 53,533.59 |
| | | | | | | |
| | 2,447.51 | | 8,831.65 | | 23,606.94 | 29,771.74 |
| 77,003.22 | 41,203.22 | 19,398.52 | 424,641.82 | 2,828,584.61 | 135,437.39 | 735,166.81 |
| 6,996.33 | 3,427.10 | 3,314.27 | 25,244.32 | 41,681.36 | 16,577.22 | 330.00 |
| | 10,000.00 | | | 38,000.00 | 42,438.83 | |
| 9,315.80 | 577.45 | 103.63 | 52,719.17 | 110,343.78 | 8,963.93 | 35,680.58 |
| 4,463.19 | | | 6,613.70 | 22,584.76 | 7,374.32 | 4,096.38 |
| | | | | 519,918.37 | | 273,254.87 |
| 21,610.94 | 3,591.92 | | 269,708.94 | 82,616.11 | 43,159.70 | 164,175.37 |
| | 351.93 | | 164.81 | | 164.07 | |
| 119,389.48 | 59,151.62 | 22,816.42 | 779,092.76 | 3,643,728.99 | 254,115.46 | 1,212,704.01 |
| | | | | | | |
| 119,389.48 | 59,151.62 | 22,816.42 | 779,092.76 | 3,643,728.99 | 254,115.46 | 1,212,704.01 |
| 22,149.70 | 25,520.15 | 2,343.53 | 225,943.75 | 709,312.20 | 47,627.13 | 527,920.00 |
| | | | 2,376.02 | 58,930.72 | 39.73 | 8.75 |
| | | | | | | 11,147.88 |
| 584.44 | 351.93 | 86.84 | 22,642.00 | | 2,235.51 | 203.00 |
| 22,734.14 | 25,872.08 | 2,430.37 | 250,961.77 | 768,242.92 | 49,902.37 | 539,279.63 |
| 21,610.94 | 3,591.92 | | 269,708.94 | 82,616.11 | 43,159.70 | 164,175.37 |
| 4,840.98 | 10,600.06 | 6,973.43 | 56,485.07 | 1,026,363.40 | 39,933.66 | 114,209.60 |
| 2,956.26 | | | 17,740.95 | 166,283.53 | 300.00 | 9,749.56 |
| 29,408.18 | 14,191.98 | 6,973.43 | 343,934.96 | 1,275,263.04 | 83,393.36 | 288,134.53 |
| 47,850.30 | 11,579.85 | 9,656.47 | 84,056.25 | 270,687.80 | 60,772.87 | |
| | | | | 519,918.37 | | 273,254.87 |
| 19,396.86 | 7,507.71 | 3,756.15 | 100,139.78 | 809,616.86 | 60,046.86 | 112,034.98 |
| 67,247.16 | 19,087.56 | 13,412.62 | 184,196.03 | 1,600,223.03 | 120,819.73 | 385,289.85 |
| 119,389.48 | 59,151.62 | 22,816.42 | 779,092.76 | 3,643,728.99 | 254,115.46 | 1,212,704.01 |
| 23.2 | 46.4 | 10.7 | 49.2 | 8.2 | 23.7 | 34.3 |

## STATEMENT

### Balance Sheets of Electrical Departments of

EASTERN ONTARIO
SYSTEM—Continued

| Municipality | Picton | Port Hope | Prescott | Richmond | Russell |
|---|---|---|---|---|---|
| Population | 2,922 | 4,433 | 2,958 | 425 | P.V. |
| **Assets** | $ c. | $ c. | $ c. | $ c. | $ c. |
| Lands and buildings | 10,925.37 | 6,935.31 | 2,761.54 | | |
| Substation equipment | 2,004.66 | | | | |
| Distribution system—overhead | 39,314.07 | 48,573.37 | 39,278.98 | 6,307.97 | 7,769.63 |
| Distribution system—underground | | | | | |
| Line transformers | 12,652.58 | 12,332.42 | 13,901.19 | 844.03 | 1,382.48 |
| Meters | 17,563.47 | 19,884.12 | 18,708.64 | 1,236.59 | 1,590.59 |
| Street light equipment, regular | 4,275.67 | 2,701.68 | 2,080.97 | 173.98 | 492.87 |
| Street light equipment, ornamental | | | | | |
| Miscellaneous construction expense | 3,417.87 | 1,557.80 | 538.65 | 642.54 | 1,288.72 |
| Steam or hydraulic plant | | | | | |
| Old plant | 1,105.28 | | | | |
| Total plant | 91,258.97 | 91,984.70 | 77,269.97 | 9,205.11 | 12,524.29 |
| Bank and cash balance | 4,022.95 | 3,281.71 | 2,865.74 | 357.54 | 298.47 |
| Securities and investments | 14,000.00 | | 3,000.00 | | 1,500.00 |
| Accounts receivable | 7,399.53 | 7,547.94 | 4,919.88 | 210.32 | 1,511.34 |
| Inventories | 4,023.16 | 1,401.82 | | | |
| Sinking fund on local debentures | | | | | |
| Equity in H-E.P.C. systems | 29,121.42 | 27,185.89 | 31,304.28 | 1,413.72 | 3,581.14 |
| Other assets | | | | | |
| Total assets | 149,826.03 | 131,402.06 | 119,359.87 | 11,186.69 | 19,415.24 |
| Deficit | | | | | |
| Total | 149,826.03 | 131,402.06 | 119,359.87 | 11,186.69 | 19,415.24 |
| **Liabilities** | | | | | |
| Debenture balance | | 3,240.54 | | 5,016.95 | 6,307.43 |
| Accounts payable | 2,664.13 | | 819.28 | 2.75 | 11.65 |
| Bank overdraft | | | | | |
| Other liabilities | 1,557.00 | 3,678.53 | 205.51 | 60.25 | |
| Total liabilities | 4,221.13 | 6,919.07 | 1,024.79 | 5,079.95 | 6,319.08 |
| **Reserves** | | | | | |
| For equity in H-E.P.C. systems | 29,121.42 | 27,185.89 | 31,304.28 | 1,413.72 | 3,581.14 |
| For depreciation | 15,067.62 | 8,776.12 | 35,676.54 | 1,252.92 | 2,038.68 |
| Other reserves | 1,386.53 | | | 52.84 | |
| Total reserves | 45,575.57 | 35,962.01 | 66,980.82 | 2,719.48 | 5,619.82 |
| **Surplus** | | | | | |
| Debentures paid | 5,730.32 | 75,759.46 | 12,170.99 | 1,483.05 | 3,692.57 |
| Local sinking fund | | | | | |
| Operating surplus | 94,299.01 | 12,761.52 | 39,183.27 | 1,904.21 | 3,783.77 |
| Total surplus | 100,029.33 | 88,520.98 | 51,354.26 | 3,387.26 | 7,476.34 |
| Total liabilities, reserves and surplus | 149,826.03 | 131,402.06 | 119,359.87 | 11,186.69 | 19,415.24 |
| Percentage of net debt to total assets | 3.5 | 6.6 | 0.1 | 51.9 | 39.9 |

"A"—Continued

## Hydro Municipalities as at December 31, 1935

| Smiths Falls<br>7,517 | Stirling<br>935 | Trenton<br>6,241 | Tweed<br>1,247 | Warkworth<br>P.V. | Wellington<br>916 | Westport<br>704 | Whitby<br>3,732 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 19,528.85 | 8,410.00 | 5,114.41 | | | 200.00 | | 6,394.26 |
| 4,745.66 | 7,042.12 | 23,080.03 | | | 499.80 | | 34,200.41 |
| 87,402.74 | 5,438.13 | 94,210.20 | 10,257.00 | 5,520.02 | 14,660.44 | 7,207.23 | 45,122.26 |
| | | | | | | | |
| 26,524.16 | 3,711.12 | 21,606.99 | 3,052.41 | 716.39 | 3,716.70 | 1,015.48 | 11,005.79 |
| 33,164.62 | 4,963.73 | 26,716.30 | 4,831.03 | 1,577.32 | 5,286.84 | 1,353.44 | 15,259.11 |
| 9,260.13 | 2,689.37 | 13,537.82 | 1,035.28 | 309.88 | 1,172.27 | 526.70 | 4,568.27 |
| | | | | | | | |
| 5,941.80 | 698.37 | 5,125.11 | 314.06 | 609.19 | 795.70 | 1,298.41 | 6,423.59 |
| 37,286.49 | | | | | | | |
| 21,463.48 | | | | 3,618.02 | 2,477.92 | 1,713.00 | 1,340.13 |
| 245,317.93 | 32,952.84 | 189,390.86 | 19,489.78 | 12,350.82 | 28,809.67 | 13,114.26 | 124,313.82 |
| 6,912.32 | 4,588.77 | 7,718.26 | 4,262.06 | 576.53 | 10.00 | 165.25 | 9,079.25 |
| 48,000.00 | 3,766.42 | | | 2,500.00 | 5,000.00 | 2,500.00 | |
| 12,705.83 | 2,185.48 | 16,944.93 | 2,068.72 | 537.09 | 1,143.70 | 701.98 | 11,725.51 |
| 605.56 | 1,133.52 | 6,058.40 | 1,199.75 | | | | 194.20 |
| | | | | | | | |
| 64,321.31 | 4,560.18 | 31,685.86 | 4,201.66 | 2,114.15 | 5,563.38 | 1,911.10 | 28,308.61 |
| | | 377.82 | | | | | |
| 377,862.95 | 49,187.21 | 252,176.13 | 31,221.97 | 18,078.59 | 40,526.75 | 18,392.59 | 173,621.39 |
| | | | | | | | |
| 377,862.95 | 49,187.21 | 252,176.13 | 31,221.97 | 18,078.59 | 40,526.75 | 18,392.59 | 173,621.39 |
| 42,586.83 | | 107,538.24 | 11,672.90 | 8,916.87 | 9,660.81 | 12,397.17 | 31,888.75 |
| 76.53 | | | | | 48.29 | | 204.21 |
| | | | | | 2,231.28 | | |
| 5.33 | 196.13 | 3,203.97 | 267.69 | | 5.25 | | 893.08 |
| 42,668.69 | 196.13 | 110,742.21 | 11,940.59 | 8,916.87 | 11,945.63 | 12,397.17 | 32,986.04 |
| 64,321.31 | 4,560.18 | 31,685.86 | 4,201.66 | 2,114.15 | 5,563.38 | 1,911.10 | 28,308.61 |
| 70,692.40 | 6,397.91 | 14,576.25 | 2,896.13 | 1,627.32 | 6,532.54 | 674.56 | 21,986.81 |
| 750.00 | | 341.02 | | | | | |
| 135,763.71 | 10,958.09 | 46,603.13 | 7,097.79 | 3,741.47 | 12,095.92 | 2,585.66 | 50,295.42 |
| 155,038.17 | 10,000.00 | 57,461.76 | 7,327.10 | 2,083.13 | 7,339.19 | 2,602.83 | 44,723.75 |
| 44,392.38 | 28,032.99 | 37,369.03 | 4,856.49 | 3,337.12 | 9,146.01 | 806.93 | 45,616.18 |
| 199,430.55 | 38,032.99 | 94,830.79 | 12,183.59 | 5,420.25 | 16,485.20 | 3,409.76 | 90,339.93 |
| 377,862.95 | 49,187.21 | 252,176.13 | 31,221.97 | 18,078.59 | 40,526.75 | 18,392.59 | 173,621.39 |
| 13.6 | 0.4 | 50.2 | 44.2 | 55.7 | 34.2 | 75.2 | 22.7 |

## STATEMENT

### Balance Sheets of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Concluded**

| Municipality | Williamsburg | Winchester | EASTERN ONTARIO SYSTEM SUMMARY |
|---|---|---|---|
| Population | P.V. | 943 | |
| ASSETS | $ c. | $ c. | $ c. |
| Lands and buildings | | 299.85 | 942,553.21 |
| Substation equipment | | | 955,878.29 |
| Distribution system—overhead | 3,335.85 | 9,592.71 | 2,559,697.02 |
| Distribution system—underground | | | 351,646.89 |
| Line transformers | 1,959.82 | 2,881.28 | 866,067.48 |
| Meters | 2,283.59 | 5,020.66 | 1,052,665.44 |
| Street light equipment, regular | 152.11 | 719.87 | 409,349.01 |
| Street light equipment, ornamental | | | |
| Miscellaneous construction expense | 353.98 | 549.67 | 235,145.88 |
| Steam or hydraulic plant | | | 100,142.49 |
| Old plant | | 1,100.00 | 127,268.16 |
| Plant not distributed | | | |
| Total plant | 8,085.35 | 20,164.04 | 7,600,413.87 |
| Bank and cash balance | 3,946.74 | 1,959.05 | 260,601.79 |
| Securities and investments | 9,500.00 | 7,000.00 | 750,901.83 |
| Accounts receivable | 2,232.95 | 1,815.41 | 483,902.58 |
| Inventories | | | 89,323.03 |
| Sinking fund on local debentures | | | 810,460.90 |
| Equity in H-E.P.C. systems | 3,584.23 | 13,105.53 | 1,292,442.14 |
| Other assets | | | 2,058.63 |
| Total assets | 27,349.27 | 44,044.03 | 11,290,104.77 |
| Deficit | | | 1,054.44 |
| Total | 27,349.27 | 44,044.03 | 11,291,159.21 |
| LIABILITIES | | | |
| Debenture balance | | 5,262.12 | 2,346,605.91 |
| Accounts payable | 938.04 | 133.89 | 74,870.39 |
| Bank overdraft | | | 26,561.07 |
| Other liabilities | 526.52 | 10.00 | 56,686.89 |
| Total liabilities | 1,464.56 | 5,406.01 | 2,504,724.26 |
| RESERVES | | | |
| For equity in H-E.P.C. systems | 3,584.23 | 13,105.53 | 1,292,442.14 |
| For depreciation | 2,173.72 | 7,169.88 | 1,870,081.73 |
| Other reserves | 523.90 | | 468,543.56 |
| Total reserves | 6,281.85 | 20,275.41 | 3,631,067.43 |
| SURPLUS | | | |
| Debentures paid | 2,750.00 | 5,387.88 | 1,783,333.64 |
| Local sinking fund | | | 810,460.90 |
| Operating surplus | 16,852.86 | 12,974.73 | 2,561,572.98 |
| Total surplus | 19,602.86 | 18,362.61 | 5,155,367.52 |
| Total liabilities, reserves and surplus | 27,349.27 | 44,044.03 | 11,291,159.21 |
| Percentage of net debt to total assets | 6.2 | 17.5 | 18.4 |

## "A"—Concluded

## Hydro Municipalities as at December 31, 1935

THUNDER BAY
SYSTEM

| Fort William 24,492 | Nipigon | Port Arthur 19,459 | THUNDER BAY SYSTEM SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 48,927.62 | 215.03 | 405,816.74 | 454,959.39 | 10,381,191.41 |
| 123,548.71 | | 240,640.36 | 364,189.07 | 22,072,115.14 |
| 148,424.10 | 13,743.83 | 453,239.82 | 615,407.75 | 21,650,567.75 |
| | | | | 6,068,724.47 |
| 65,900.50 | 2,594.47 | 68,489.45 | 136,984.42 | 9,678,578.13 |
| 63,447.00 | 2,573.77 | 85,331.71 | 151,352.48 | 8,767,892.27 |
| 34,770.49 | 606.24 | 77,932.25 | 113,308.98 | 2,420,238.81 |
| | | | | 1,486,302.46 |
| 7,050.58 | 133.53 | 49,734.22 | 56,918.33 | 3,616,986.74 |
| | | 324,027.37 | 324,027.37 | 496,050.14 |
| 293,762.46 | | | 293,762.46 | 4,917,917.43 |
| | | | | 200,000.00 |
| 785,831.46 | 19,866.87 | 1,705,211.92 | 2,510,910.25 | 91,756,564.75 |
| 24,773.23 | 3,826.27 | 75,932.84 | 104,532.34 | 2,927,485.90 |
| 57,200.00 | | 706,044.69 | 763,244.69 | 2,593,633.59 |
| 28,123.80 | 519.92 | 87,425.70 | 116,069.42 | 4,363,297.95 |
| 1,860.37 | | 15,536.99 | 17,397.36 | 1,212,063.37 |
| 82,996.51 | | 161,897.37 | 244,893.88 | 9,086,152.46 |
| 331,225.77 | 2,149.78 | 1,113,671.63 | 1,447,047.18 | 32,609,979.83 |
| | | 611.88 | 611.88 | 301,317.86 |
| 1,312,011.14 | 26,362.84 | 3,866,333.02 | 5,204,707.00 | 144,850,495.71 |
| | | | | 31,236.87 |
| 1,312,011.14 | 26,362.84 | 3,866,333.02 | 5,204,707.00 | 144,881.732,58 |
| 300,000.00 | 5,930.00 | 253,014.57 | 558,944.57 | 36,667,080.62 |
| 23,058.04 | | 63,683.78 | 86,741.82 | 2,931,934.14 |
| | | | | 72,084.93 |
| 12,028.93 | | | 12,028.93 | 3,462,906.61 |
| 335,086.97 | 5,930.00 | 316,698.35 | 657,715.32 | 43,134,006.30 |
| 331,225.77 | 2,149.78 | 1,113,671.63 | 1,447,047.18 | 32,609,979.83 |
| 91,667.39 | 4,009.00 | 465,440.01 | 561,116.40 | 18,410,891.84 |
| 15,791.51 | | 67,175.19 | 82,966.70 | 2,459,074.98 |
| 438,684.67 | 6,158.78 | 1,646,286.83 | 2,091,130.28 | 53,479,946.65 |
| 367,650.00 | 4,070.00 | 389,085.43 | 760,805.43 | 23,481,974.13 |
| 82,996.51 | | 161,897.37 | 244,893.88 | 9,086,152.46 |
| 87,592.99 | 10,204.06 | 1,352,365.04 | 1,450,162.09 | 15,699,653.04 |
| 538,239.50 | 14,274.06 | 1,903,347.84 | 2,455,861.40 | 48,267,779.63 |
| 1,312,011.14 | 26,362.84 | 3,866,333.02 | 5,204,707.00 | 144,881,732.58 |
| 28.1 | 24.5 | 5.9 | 11.7 | 32.0 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM

| Municipality | Acton | Agincourt | Ailsa Craig | Alvinston | Amherst-burg |
|---|---|---|---|---|---|
| Population | 1,808 | P.V. | 468 | 620 | 3,044 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 10,548.87 | 4,748.24 | 2,620.29 | 4,169.53 | 19,282.75 |
| Commercial light service | 4,333.27 | 1,173.81 | 1,430.57 | 2,499.23 | 6,533.15 |
| Commercial power service | 24,652.14 | 1,511.26 | 1,105.05 | 625.61 | 5,113.06 |
| Municipal power | 664.44 | ...... | ...... | ...... | ...... |
| Street lighting | 1,866.90 | 793.00 | 628.00 | 1,854.00 | 2,351.69 |
| Merchandise | 37.62 | ...... | ...... | ...... | ...... |
| Miscellaneous | 493.00 | 67.78 | 273.63 | 296.58 | 458.33 |
| Total earnings | 42,596.24 | 8,294.09 | 6,057.54 | 9,444.95 | 33,738.98 |
| EXPENSES | | | | | |
| Power purchased | 33,670.43 | 5,301.40 | 4,014.67 | 5,605.34 | 22,414.57 |
| Substation operation | ...... | ...... | ...... | ...... | ...... |
| Substation maintenance | ...... | ...... | ...... | ...... | ...... |
| Distribution system, operation and maintenance | 2,212.91 | 136.73 | 100.05 | 37.93 | 1,558.74 |
| Line transformer maintenance | 27.72 | 11.69 | 169.86 | ...... | 3.84 |
| Meter maintenance | 402.12 | 28.37 | 200.10 | 40.70 | 357.40 |
| Consumers' premises expenses | ...... | ...... | ...... | ...... | 151.11 |
| Street lighting, operation and maintenance | 284.73 | 75.04 | 84.95 | 124.61 | 501.23 |
| Promotion of business | 107.35 | ...... | ...... | ...... | ...... |
| Billing and collecting | 654.95 | ...... | 232.00 | 315.10 | 2,137.13 |
| General office, salaries and expenses | 768.70 | 385.79 | 84.72 | 166.54 | 1,295.27 |
| Undistributed expenses | 127.87 | ...... | 29.50 | 23.88 | 145.48 |
| Truck operation and maintenance | 117.05 | ...... | ...... | ...... | 352.78 |
| Interest | ...... | 113.88 | 5.39 | 638.79 | 1,310.14 |
| Sinking fund and principal payments on debentures | ...... | 642.48 | ...... | 1,166.87 | 1,452.45 |
| Depreciation | 1,430.00 | 388.00 | 441.00 | 638.00 | 1,977.00 |
| Other reserves | ...... | ...... | ...... | 75.00 | 30.92 |
| Total operating costs and fixed charges | 39,803.83 | 7,083.38 | 5,362.24 | 8,832.76 | 33,688.06 |
| Net surplus | 2,792.41 | 1,210.71 | 695.30 | 612.19 | 50.92 |
| Net loss | ...... | ...... | ...... | ...... | ...... |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 488 | 147 | 131 | 157 | 613 |
| Commercial light service | 87 | 27 | 38 | 49 | 114 |
| Power service | 16 | 3 | 2 | 2 | 15 |
| Total | 591 | 177 | 171 | 208 | 742 |

"B"

## Hydro Municipalities for Year Ended December 31, 1935

| Ancaster Twp. | Arkona 391 | Aylmer 1,985 | Ayr 769 | Baden P.V. | Beachville P.V. | Belle River 742 | Blenheim 1,664 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 9,131.31 | 2,797.13 | 10,313.74 | 5,147.56 | 3,953.20 | 2,925.29 | 3,465.42 | 8,856.50 |
| 1,700.52 | 1,730.80 | 6,896.33 | 1,799.52 | 1,568.12 | 623.12 | 1,707.74 | 6,413.09 |
| 388.28 | 173.72 | 2,486.94 | 221.22 | 5,450.74 | 9,723.51 | 64.28 | 2,866.56 |
| 311.11 | ........ | 915.30 | ........ | ........ | ........ | 1,119.36 | 1,682.35 |
| 1,135.00 | 996.63 | 2,367.00 | 1,028.00 | 690.00 | 517.00 | 930.00 | 2,512.00 |
| ........ | ........ | 1,010.24 | 7.11 | 149.63 | 197.66 | 169.56 | 112.72 |
| 12,666.22 | 5,698.28 | 23,989.55 | 8,203.41 | 11,811.69 | 13,986.58 | 7,456.36 | 22,443.22 |
| 8,054.83 | 3,367.90 | 15,972.74 | 5,414.88 | 8,631.77 | 11,910.22 | 4,831.96 | 12,865.73 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 933.32 | 144.89 | 1,429.28 | 612.62 | 58.30 | 60.84 | 234.46 | 954.88 |
| 21.80 | ........ | 43.90 | 12.74 | 10.80 | ........ | 33.06 | 171.55 |
| 264.26 | 19.90 | 76.87 | 79.65 | 8.98 | 36.15 | 117.07 | 405.87 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | 145.24 |
| 156.52 | 32.76 | 198.83 | 126.30 | 152.39 | 27.90 | 119.79 | 376.71 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | 230.37 |
| 830.00 | 159.87 | 705.22 | 376.21 | 398.40 | 257.03 | 333.19 | 750.55 |
| 716.84 | 69.93 | 777.72 | 53.70 | 161.85 | 172.13 | 244.60 | 1,049.21 |
| 52.60 | 21.80 | 46.79 | 38.16 | 33.74 | 4.35 | 27.36 | 7.75 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 498.96 | 568.20 | 1,081.88 | 330.43 | 94.11 | 111.61 | 302.49 | 484.38 |
| 327.08 | 626.87 | 1,426.04 | 385.48 | 231.15 | 246.18 | 438.64 | 535.78 |
| 920.00 | 336.00 | 1,460.00 | 582.00 | 395.00 | 639.00 | 717.00 | 1,441.00 |
| ........ | ........ | 300.00 | ........ | ........ | ........ | ........ | 50.90 |
| 12,776.21 | 5,348.12 | 23,519.27 | 8,012.17 | 10,176.49 | 13,465.41 | 7,399.62 | 19,469.92 |
| ........ | 350.16 | 470.28 | 191.24 | 1,635.20 | 521.17 | 56.74 | 2,973.30 |
| 109.99 | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 277 | 100 | 650 | 203 | 137 | 135 | 212 | 504 |
| 39 | 35 | 141 | 44 | 35 | 22 | 40 | 122 |
| 5 | 2 | 10 | 4 | 3 | 4 | 2 | 9 |
| 321 | 137 | 801 | 251 | 175 | 161 | 254 | 635 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Blyth | Bolton | Bothwell | Brampton | Brantford |
|---|---|---|---|---|---|
| Population | 615 | 560 | 698 | 5,487 | 30,691 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 3,602.73 | 3,750.97 | 2,839.53 | 38,041.69 | 184,323.47 |
| Commercial light service | 1,675.98 | 1,040.48 | 1,344.14 | 16,341.54 | 67,862.22 |
| Commercial power service | 1,358.56 | 2,151.70 | 672.32 | 16,699.71 | 206,226.45 |
| Municipal power |  |  | 146.61 | 2,401.86 | 24,415.57 |
| Street lighting | 1,300.00 | 1,113.96 | 1,293.00 | 5,490.50 | 32,653.90 |
| Merchandise |  |  |  |  |  |
| Miscellaneous | 4.76 | 41.21 | 591.69 | 1,469.77 | 4,996.30 |
| Total earnings | 7,942.03 | 8,098.32 | 6,887.29 | 80,445.07 | *520,477.91 |
| EXPENSES |  |  |  |  |  |
| Power purchased | 4,549.66 | 4,770.55 | 4,442.80 | 63,770.19 | 358,323.22 |
| Substation operation |  |  |  |  | 7,167.07 |
| Substation maintenance |  |  |  | 101.34 | 1,638.64 |
| Distribution system, operation and maintenance | 360.75 | 308.17 | 74.30 | 2,479.80 | 13,617.94 |
| Line transformer maintenance | 13.06 | 25.50 |  | 10.06 | 657.98 |
| Meter maintenance | 85.14 | 16.35 | 2.66 | 492.78 | 4,587.86 |
| Consumers' premises expenses |  |  |  |  | 832.23 |
| Street lighting, operation and maintenance | 98.18 | 98.45 | 404.34 | 267.58 | 4,279.69 |
| Promotion of business |  |  | 5.45 | 108.64 | 277.03 |
| Billing and collecting | 149.11 |  | 250.47 | 1,351.05 | 10,873.30 |
| General office, salaries and expenses | 29.00 | 400.13 | 105.65 | 1,607.02 | 10,437.14 |
| Undistributed expenses | 74.81 |  | 32.20 | 188.78 | 2,622.94 |
| Truck operation and maintenance |  |  |  | 286.04 | 2,261.73 |
| Interest | 434.85 | 275.92 | 171.92 | 492.74 | 14,504.67 |
| Sinking fund and principal payments on debentures | 1,096.31 | 593.11 | 191.35 | 1,990.54 | 54,853.58 |
| Depreciation | 471.00 | 582.00 | 579.00 | 4,657.00 | 23,875.00 |
| Other reserves |  |  | 25.02 | 300.00 | 3,000.00 |
| Total operating costs and fixed charges | 7,361.87 | 7,070.18 | 6,285.16 | 78,103.56 | *513,810.02 |
| Net surplus | 580.16 | 1,028.14 | 602.13 | 2,341.51 | 6,667.89 |
| Net loss |  |  |  |  |  |
| NUMBER OF CONSUMERS |  |  |  |  |  |
| Domestic service | 165 | 158 | 172 | 1,389 | 7,524 |
| Commercial light service | 52 | 35 | 47 | 237 | 1,139 |
| Power service | 6 | 9 | 5 | 50 | 223 |
| Total | 223 | 202 | 224 | 1,676 | 8,886 |

*Includes earnings and expenses from other plants

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Brantford Twp. | Bridgeport P.V. | Brigden P.V. | Brussels 786 | Burford P.V. | Burgess-ville P.V. | Caledonia 1,300 | Campbell-ville P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 19,967.05 | 3,910.43 | 2,197.19 | 5,053.77 | 3,999.13 | 1,105.35 | 5,391.64 | 1,375.59 |
| 4,005.53 | 925.03 | 1,859.71 | 2,569.70 | 1,060.45 | 570.43 | 3,942.37 | 460.34 |
| 2,918.00 | 458.75 | 817.73 | 729.72 | 1,102.58 | | 1,809.15 | |
| | | | | | | | |
| 4,084.67 | 654.00 | 750.50 | 1,286.00 | 670.08 | 312.00 | 1,704.00 | 480.00 |
| | | | | | | | |
| 605.72 | 11.13 | 139.35 | 169.30 | 243.69 | | 390.31 | |
| 31,580.97 | 5,959.34 | 5,764.48 | 9,808.49 | 7,075.93 | 1,987.78 | 13,237.47 | 2,315.93 |
| 17,779.83 | 3,845.62 | 3,732.90 | 5,284.19 | 4,736.31 | 1,628.80 | 7,879.66 | 1,549.40 |
| | | | | | | | |
| | | | | | | | |
| 1,006.07 | 9.94 | 365.54 | 385.27 | 145.26 | 30.82 | 1,149.46 | 6.96 |
| 125.25 | 0.87 | | | | | 50.47 | |
| 525.37 | 3.15 | 110.10 | 188.24 | 75.35 | 34.88 | 266.05 | |
| 2.35 | | | | | | | |
| 846.59 | 79.22 | 86.18 | 153.42 | 111.56 | 30.94 | 243.54 | 25.03 |
| 19.50 | | | | | | 45.50 | |
| 1,861.85 | 244.79 | 295.30 | | 430.06 | 63.00 | 528.80 | |
| 1,805.66 | 84.86 | 105.76 | 518.49 | 113.88 | 36.38 | 244.44 | 101.01 |
| 10.06 | 21.89 | 15.00 | 45.77 | 17.37 | 0.65 | 34.26 | |
| | | | | | | | |
| 1,054.35 | 567.36 | 34.06 | 671.93 | | 33.24 | 91.53 | 146.54 |
| 3,723.41 | 638.32 | 300.73 | 1,085.35 | | 290.94 | 270.19 | 288.99 |
| 2,535.00 | 547.00 | 374.00 | 613.00 | 500.00 | 218.00 | 772.00 | 123.00 |
| 50.00 | | | | | | | |
| 31,345.29 | 6,043.02 | 5,419.57 | 8,945.66 | 6,129.79 | 2,367.65 | 11,575.90 | 2,240.93 |
| 235.68 | | 344.91 | 862.83 | 946.14 | | 1,661.57 | 75.00 |
| | 83.68 | | | | 379.87 | | |
| 831 | 129 | 110 | 218 | 186 | 51 | 355 | 44 |
| 47 | 20 | 43 | 64 | 32 | 18 | 90 | 9 |
| 4 | 5 | 5 | 2 | 2 | | 6 | |
| 882 | 154 | 158 | 284 | 220 | 69 | 451 | 53 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Cayuga | Chatham | Chippawa | Clifford | Clinton |
|---|---|---|---|---|---|
| Population | 668 | 16,284 | 1,143 | 423 | 1,863 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 3,620.95 | 83,669.83 | 7,619.61 | 2,435.37 | 12,002.21 |
| Commercial light service | 3,052.74 | 69,360.25 | 1,395.02 | 1,654.39 | 6,119.47 |
| Commercial power service | 1,462.73 | 52,258.94 | 287.43 | 144.61 | 4,406.11 |
| Municipal power |  | 6,602.13 | 875.03 |  | 875.01 |
| Street lighting | 1,440.00 | 19,215.26 | 1,312.62 | 868.00 | 2,008.44 |
| Merchandise |  | 185.61 |  |  | 263.44 |
| Miscellaneous | 69.58 | 3,151.34 |  | 5.79 | 1,071.85 |
| Total earnings | 9,646.00 | 234,443.36 | 11,489.71 | 5,108.16 | 26,746.53 |
| EXPENSES |  |  |  |  |  |
| Power purchased | 4,771.76 | 131,419.40 | 6,260.11 | 3,172.39 | 16,290.20 |
| Substation operation |  | 7,064.90 |  |  | 100.00 |
| Substation maintenance |  | 2,268.96 |  |  |  |
| Distribution system, operation and maintenance | 321.18 | 2,261.79 | 1,186.31 | 26.90 | 594.42 |
| Line transformer maintenance | 11.40 | 410.87 |  |  | 11.70 |
| Meter maintenance | 68.95 | 4,670.85 | 252.00 |  | 282.48 |
| Consumers' premises expenses |  | 269.86 |  |  |  |
| Street lighting, operation and maintenance | 153.89 | 4,179.39 | 441.64 | 72.90 | 235.23 |
| Promotion of business |  | 1,765.97 |  |  |  |
| Billing and collecting | 512.25 | 10,378.57 | 435.08 | 283.10 | 769.00 |
| General office, salaries and expenses | 308.08 | 13,488.29 | 420.10 | 87.38 | 2,073.26 |
| Undistributed expenses | 47.58 | 3,329.24 | 85.95 |  | 135.39 |
| Truck operation and maintenance |  | 1,950.89 |  |  | 148.38 |
| Interest | 702.98 | 12,856.15 | 328.22 | 361.79 | 1,929.33 |
| Sinking fund and principal payments on debentures | 979.77 | 16,116.14 | 847.98 | 188.65 | 1,305.66 |
| Depreciation | 571.00 | 16,383.41 | 935.00 | 304.00 | 2,019.00 |
| Other reserves |  | 3,080.08 |  |  |  |
| Total operating costs and fixed charges | 8,448.84 | 231,894.76 | 11,192.39 | 4,497.11 | 25,894.05 |
| Net surplus | 1,197.16 | 2,548.60 | 297.32 | 611.05 | 852.48 |
| Net loss |  |  |  |  |  |
| NUMBER OF CONSUMERS |  |  |  |  |  |
| Domestic service | 131 | 3,774 | 304 | 103 | 507 |
| Commercial light service | 56 | 733 | 40 | 39 | 127 |
| Power service | 5 | 106 | 5 | 1 | 14 |
| Total | 192 | 4,613 | 349 | 143 | 648 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Comber<br>P.V. | Cottam<br>P.V. | Courtright<br>332 | Dashwood<br>P.V. | Delaware<br>P.V. | Dorchester<br>P.V. | Drayton<br>569 | Dresden<br>1,479 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,110.24 | 2,368.83 | 1,472.47 | 1,403.66 | 1,541.91 | 2,254.65 | 3,010.51 | 6,274.99 |
| 2,204.54 | 1,194.80 | 963.86 | 907.14 | 584.16 | 886.55 | 1,934.63 | 5,092.41 |
| 3,346.45 | 455.47 | 29.33 | 807.59 | .......... | 515.37 | 1,221.37 | 4,048.09 |
| .......... | .......... | 777.04 | .......... | | .......... | .......... | 477.04 |
| 621.00 | 480.00 | 774.00 | 450.97 | 264.00 | 650.00 | 825.00 | 1,856.76 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 63.27 | 135.00 | 51.08 | 104.05 | 199.30 | 143.56 | 180.43 | 310.80 |
| 8,345.50 | 4,634.10 | 4,067.78 | 3,673.41 | 2,589.37 | 4,450.13 | 7,171.94 | 18,060.09 |
| | | | | | | | |
| 5,384.87 | 2,468.59 | 2,349.75 | 2,598.99 | 1,646.63 | 3,276.69 | 4,732.71 | 11,261.68 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 243.61 | 207.45 | 11.11 | 54.06 | 52.63 | 21.80 | 231.98 | 1,646.39 |
| 56.46 | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 105.77 | 44.28 | 30.60 | 99.70 | .......... | 6.26 | .......... | 150.75 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 69.23 | 58.31 | 48.70 | 37.50 | 35.00 | 43.14 | 111.93 | 569.23 |
| .......... | .......... | .......... | .......... | | | .......... | 233.05 |
| 267.15 | .......... | 146.05 | 164.41 | 119.04 | 153.35 | .......... | 689.66 |
| 325.65 | 406.11 | 15.62 | 5.43 | 71.22 | 20.99 | 293.69 | 789.08 |
| 30.73 | .......... | 31.37 | 20.93 | .......... | 1.50 | .......... | 64.66 |
| .......... | .......... | .......... | .......... | | .......... | .......... | 220.36 |
| 68.17 | 359.02 | 186.64 | 109.77 | 102.71 | 119.36 | 366.58 | .......... |
| 162.87 | 396.14 | 666.81 | 124.17 | 159.77 | 163.52 | 323.58 | .......... |
| 463.00 | 376.00 | 234.00 | 220.00 | 159.00 | 374.00 | 558.00 | 840.00 |
| .......... | .......... | .......... | .......... | | .......... | .......... | 75.00 |
| 7,177.51 | 4,315.90 | 3,720.65 | 3,434.96 | 2,346.00 | 4,180.61 | 6,618.47 | 16,539.86 |
| 1,167.99 | 318.20 | 347.13 | 238.45 | 243.37 | 269.52 | 553.47 | 1,520.23 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| | | | | | | | |
| 93 | 104 | 58 | 65 | 55 | 129 | 155 | 373 |
| 48 | 25 | 24 | 25 | 19 | 28 | 63 | 114 |
| 3 | 1 | 3 | 1 | .......... | 2 | 3 | 10 |
| 144 | 130 | 85 | 91 | 74 | 159 | 221 | 497 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Drumbo | Dublin | Dundas | Dunnville | Dutton |
|---|---|---|---|---|---|
| Population | P.V. | P.V. | 4,983 | 3,746 | 780 |
| Earnings | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,945.04 | 1,296.91 | 21,079.70 | 13,408.42 | 3,411.12 |
| Commercial light service | 787.39 | 773.47 | 10,709.72 | 11,880.45 | 2,466.43 |
| Commercial power service | 660.24 | 337.26 | 20,208.25 | 12,594.68 | 3,546.38 |
| Municipal power | | | 510.46 | 2,418.77 | |
| Street lighting | 522.50 | 750.00 | 5,508.00 | 3,958.44 | 1,021.44 |
| Merchandise | | | | 29.82 | |
| Miscellaneous | 56.69 | | 174.17 | 641.90 | 291.75 |
| Total earnings | 3,971.86 | 3,157.64 | 58,190.30 | 44,932.48 | 10,737.12 |
| Expenses | | | | | |
| Power purchased | 2,233.09 | 1,948.92 | 38,742.66 | 24,473.59 | 7,454.45 |
| Substation operation | | | 247.07 | 339.65 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 143.11 | 20.91 | 4,961.59 | 1,804.73 | 336.89 |
| Line transformer maintenance | | | 274.82 | | 25.82 |
| Meter maintenance | 56.72 | 88.41 | 831.89 | 534.84 | 65.35 |
| Consumers' premises expenses | | | | | |
| Street lighting, operation and maintenance | 71.03 | 100.69 | 564.31 | 401.64 | 197.86 |
| Promotion of business | | | | | |
| Billing and collecting | 182.29 | 115.41 | 1,141.84 | 793.30 | 306.11 |
| General office, salaries and expenses | 95.75 | 54.80 | 1,613.22 | 1,256.27 | 170.50 |
| Undistributed expenses | 1.36 | 16.08 | 248.07 | 90.24 | 23.60 |
| Truck operation and maintenance | | | 611.70 | 246.19 | |
| Interest | 113.16 | 95.85 | 1,252.07 | 2,644.69 | 263.87 |
| Sinking fund and principal payments on debentures | 179.71 | 481.87 | 2,309.38 | 2,785.04 | 382.71 |
| Depreciation | 295.00 | 293.00 | 4,282.00 | 3,328.00 | 579.00 |
| Other reserves | | | | | 29.38 |
| Total operating costs and fixed charges | 3,371.22 | 3,215.94 | 57,080.62 | 38,698.18 | 9,835.54 |
| Net surplus | 600.64 | | 1,109.68 | 6,234.30 | 901.58 |
| Net loss | | 58.30 | | | |
| Number of Consumers | | | | | |
| Domestic service | 81 | 43 | 1,195 | 826 | 208 |
| Commercial light service | 24 | 25 | 166 | 208 | 66 |
| Power service | 1 | 2 | 37 | 32 | 8 |
| Total | 106 | 70 | 1,398 | 1,066 | 282 |

**"B"—Continued**

**Hydro Municipalities for Year Ended December 31, 1935**

| East Windsor 14,606 | East York Twp. | Elmira 2,650 | Elora 1,133 | Embro 408 | Erieau 281 | Erie Beach 23 | Essex 1,689 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 75,423.80 | 184,387.47 | 16,079.24 | 7,270.54 | 2,717.14 | 3,805.08 | 1,606.51 | 7,706.45 |
| 20,050.03 | 25,403.94 | 6,397.95 | 3,570.61 | 1,677.60 | 1,455.68 | 324.02 | 4,847.22 |
| 46,697.24 | 30,231.88 | 5,084.45 | 2,995.07 | 1,323.78 | 762.19 | ........ | 4,366.26 |
| ........ | 5,162.27 | 871.59 | ........ | ........ | ........ | ........ | 1,571.32 |
| 8,419.92 | 19,497.90 | 1,834.00 | 1,675.16 | 678.00 | 378.00 | ........ | 3,091.92 |
| ........ | ........ | ........ | 65.24 | ........ | ........ | ........ | ........ |
| ........ | 349.90 | 744.79 | 418.91 | 78.54 | 12.55 | 10.87 | 341.99 |
| 150,590.99 | 265,033.36 | 31,012.02 | 15,995.53 | 6,475.06 | 6,413.50 | 1,941.40 | 21,925.16 |
| 86,779.32 | 169,925.60 | 20,772.04 | 9,348.20 | 3,950.88 | 3,293.02 | 764.49 | 12,614.71 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| ........ | 14.26 | ........ | ........ | ........ | ........ | ........ | ........ |
| 7,214.23 | 8,332.74 | 1,443.69 | 2,302.23 | 175.04 | 196.00 | 161.72 | 181.77 |
| 324.18 | 1,329.43 | 49.87 | 1.00 | ........ | 16.85 | ........ | 6.80 |
| 2,486.82 | 4,435.82 | 273.25 | 41.84 | 26.37 | 97.65 | 57.32 | 33.75 |
| 4,220.03 | 1,055.51 | ........ | ........ | 38.09 | 0.25 | ........ | 3.55 |
| 3,486.56 | 3,384.28 | 100.20 | 144.31 | 143.79 | 39.46 | ........ | 310.49 |
| 1,530.86 | ........ | 55.56 | 30.00 | 22.00 | ........ | ........ | 85.61 |
| 10,125.50 | 12,296.80 | 622.93 | 718.27 | 352.10 | 368.26 | 122.15 | 822.86 |
| 4,450.37 | 11,345.09 | 997.59 | 425.30 | 199.25 | 168.12 | 3.74 | 1,586.64 |
| 2,829.39 | 1,693.56 | 80.63 | 250.42 | 2.06 | ........ | ........ | 100.02 |
| 3,882.08 | 509.07 | 178.74 | 87.77 | ........ | ........ | ........ | 307.45 |
| 3,602.96 | 14,436.59 | 1,366.48 | 165.31 | 171.80 | 251.75 | 147.00 | 1,018.08 |
| 7,496.39 | 15,671.35 | 1,753.84 | 809.28 | 488.62 | 365.13 | 142.95 | 530.59 |
| 8,395.00 | 13,550.00 | 2,110.00 | 1,129.00 | 513.00 | 355.00 | 81.00 | 1,782.00 |
| ........ | 230.00 | ........ | ........ | ........ | 15.00 | ........ | 92.45 |
| 146,823.69 | 258,210.10 | 29,804.82 | 15,452.93 | 6,083.00 | 5,166.49 | 1,480.37 | 19,476.77 |
| 3,767.30 | 6,823.26 | 1,207.20 | 542.60 | 392.06 | 1,247.01 | 461.03 | 2,448.39 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 2,995 | 9,229 | 509 | 312 | 99 | 166 | 68 | 435 |
| 274 | 405 | 114 | 72 | 47 | 12 | 3 | 116 |
| 32 | 31 | 20 | 2 | 1 | 2 | ........ | 17 |
| 3,301 | 9,665 | 643 | 386 | 147 | 180 | 71 | 568 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Etobicoke Twp. | Exeter | Fergus | Fonthill | Forest |
|---|---|---|---|---|---|
| Population |  | 1,597 | 2,520 | 808 | 1,496 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 118,138.64 | 11,860.42 | 16,574.72 | 5,091.36 | 10,588.91 |
| Commercial light service | 17,000.43 | 5,384.47 | 6,860.23 | 1,293.81 | 5,397.78 |
| Commercial power service | 14,503.56 | 3,691.59 | 14,442.79 | 326.82 | 3,941.35 |
| Municipal power | 3,910.90 | 553.57 | 817.24 | 235.83 | 977.66 |
| Street lighting | 13,437.00 | 2,231.18 | 2,773.28 | 1,065.00 | 2,321.00 |
| Merchandise |  | 336.07 |  |  |  |
| Miscellaneous | 642.53 | 847.10 | 4.50 |  | 644.82 |
| Total earnings | 167,633.06 | 24,904.40 | 41,472.76 | 8,012.82 | 23,871.52 |
| EXPENSES |  |  |  |  |  |
| Power purchased | 106,291.25 | 14,282.07 | 29,015.00 | 4,056.13 | 14,069.11 |
| Substation operation |  |  |  |  |  |
| Substation maintenance |  |  |  |  |  |
| Distribution system, operation and maintenance | 6,691.55 | 578.35 | 1,296.43 | 215.69 | 1,874.29 |
| Line transformer maintenance | 595.12 | 19.42 | 23.70 |  |  |
| Meter maintenance | 1,161.21 | 136.63 | 474.99 |  | 187.61 |
| Consumers' premises expenses |  |  |  | 1.40 |  |
| Street lighting, operation and maintenance | 1,288.41 | 197.24 | 375.58 | 167.03 | 258.98 |
| Promotion of business |  |  | 2.41 |  | 1.59 |
| Billing and collecting | 4,940.03 | 706.29 | 658.70 | 565.73 | 663.89 |
| General office, salaries and expenses | 4,469.36 | 1,505.65 | 669.12 | 90.88 | 1,826.43 |
| Undistributed expenses | 1,651.29 | 57.09 | 169.26 | 9.98 | 161.23 |
| Truck operation and maintenance | 743.19 | 14.94 | 393.78 |  | 162.82 |
| Interest | 10,738.89 | 366.05 | 911.02 | 924.22 | 210.99 |
| Sinking fund and principal payments on debentures | 12,832.31 | 1,058.92 | 1,155.14 | 1,133.94 | 1,165.14 |
| Depreciation | 11,422.00 | 1,467.00 | 1,644.00 | 504.00 | 1,444.00 |
| Other reserves |  |  |  |  |  |
| Total operating costs and fixed charges | 162,824.61 | 20,389.65 | 36,789.13 | 7,669.00 | 22,026.08 |
| Net surplus | 4,808.45 | 4,514.75 | 4,683.63 | 343.82 | 1,845.44 |
| Net loss |  |  |  |  |  |
| NUMBER OF CONSUMERS |  |  |  |  |  |
| Domestic service | 3,542 | 445 | 639 | 201 | 460 |
| Commercial light service | 228 | 114 | 115 | 29 | 112 |
| Power service | 30 | 8 | 14 | 4 | 21 |
| Total | 3,800 | 567 | 768 | 234 | 593 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Galt<br>13,715 | George-town<br>2,203 | Glencoe<br>833 | Goderich<br>4,383 | Granton<br>P.V. | Guelph<br>20,882 | Hagers-ville<br>1,399 | Hamilton<br>154,276 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 93,965.69 | 14,844.88 | 5,414.90 | 30,719.64 | 1,911.17 | 112,426.09 | 5,033.46 | 945,673.01 |
| 41,721.12 | 5,832.22 | 3,213.47 | 14,206.25 | 1,179.97 | 54,545.35 | 4,611.55 | 388,008.63 |
| 89,203.83 | 22,469.59 | 1,689.64 | 12,202.66 | 733.74 | 111,174.44 | 9,991.60 | 1,723,118.74 |
| 4,565.11 | 495.98 | 1,366.24 | 3,200.09 | | 14,873.30 | | 45,308.07 |
| 20,621.00 | 2,153.20 | 1,948.00 | 3,809.50 | 370.00 | 18,622.02 | 2,026.50 | 123,956.32 |
| 417.90 | | 29.85 | | | | | |
| 3,095.88 | 340.77 | 52.11 | 185.25 | 194.89 | 1,353.49 | 742.59 | 61,296.37 |
| 253,590.53 | 46,136.64 | 13,714.21 | 64,323.39 | 4,389.77 | 312,994.69 | 22,405.70 | 3,287,361.14 |
| 159,510.33 | 35,130.22 | 8,457.95 | 41,139.36 | 3,247.14 | 228,247.21 | 17,257.33 | 2,279,280.32 |
| 4,179.34 | | | 1,619.72 | | 3,344.84 | | 57,468.58 |
| 186.36 | | | | | | | 3,283.66 |
| 3,319.24 | 1,204.57 | 233.61 | 2,199.22 | 8.18 | 7,332.59 | 1,754.12 | 27,132.61 |
| 631.31 | 117.62 | | 48.00 | | 726.74 | 107.75 | 2,737.78 |
| 2,745.13 | 292.20 | 37.31 | 515.54 | 18.36 | 4,039.33 | 217.48 | 19,675.75 |
| | 26.65 | | | | 452.39 | | 11,917.01 |
| 2,443.75 | 369.20 | 337.05 | 468.09 | 36.28 | 6,470.72 | 338.56 | 13,632.97 |
| 1,182.10 | | | 94.24 | | 1,265.14 | | 15,334.02 |
| 3,991.70 | 1,568.17 | 394.95 | 2,000.24 | 189.07 | 6,919.82 | 668.23 | 51,834.75 |
| 8,157.18 | 899.05 | 401.21 | 1,796.57 | 59.33 | 11,660.68 | 679.13 | 42,444.06 |
| 2,038.93 | 176.58 | 57.80 | 146.47 | 16.76 | 964.83 | 81.57 | 38,946.84 |
| 394.74 | 650.12 | | 135.02 | | 1,146.36 | 420.35 | |
| 13,333.82 | 121.46 | 413.85 | 2,510.29 | 127.14 | 2,487.50 | 140.21 | 194,333.66 |
| 19,880.77 | 860.02 | 1,092.39 | 2,464.81 | 133.91 | 1,103.55 | 251.60 | 295,724.88 |
| 23,972.00 | 2,129.00 | 937.00 | 5,550.00 | 244.00 | 16,250.00 | 1,162.00 | 133,272.65 |
| | | 225.00 | | | 594.39 | | |
| 245,966.70 | 43,544.86 | 12,588.12 | 60,687.57 | 4,080.17 | 293,006.09 | 23,078.33 | 3,187,019.54 |
| 7,623.83 | 2,591.78 | 1,126.09 | 3,635.82 | 309.60 | 19,988.60 | | 100,341.60 |
| | | | | | | 672.63 | |
| 3,626 | 680 | 216 | 1,175 | 81 | 5,101 | 340 | 37,590 |
| 489 | 134 | 83 | 223 | 34 | 789 | 108 | 5,039 |
| 112 | 27 | 6 | 21 | 1 | 136 | 14 | 1,270 |
| 4,227 | 841 | 305 | 1,419 | 116 | 6,026 | 462 | 43,899 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Harriston | Harrow | Hensall | Hespeler | Highgate |
|---|---|---|---|---|---|
| Population | 1,329 | 934 | 697 | 2,853 | 334 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 7,846.54 | 7,703.30 | 4,217.34 | 16,339.05 | 1,813.45 |
| Commercial light service | 4,847.39 | 3,586.11 | 1,867.18 | 5,548.43 | 937.39 |
| Commercial power service | 5,389.73 | 3,625.24 | 2,571.66 | 42,157.87 | 1,195.49 |
| Municipal power | 468.74 | | 35.18 | 1,319.67 | 38.14 |
| Street lighting | 1,551.00 | 1,299.00 | 996.00 | 3,107.00 | 567.00 |
| Merchandise | | | | | |
| Miscellaneous | 11.82 | 26.99 | 291.69 | 588.74 | 103.38 |
| Total earnings | 20,115.22 | 16,240.64 | 9,979.05 | 69,060.76 | 4,654.85 |
| EXPENSES | | | | | |
| Power purchased | 11,601.97 | 12,088.14 | 6,609.01 | 51,092.89 | 2,883.13 |
| Substation operation | | | | 378.57 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 1,405.64 | 136.58 | 360.94 | 2,593.40 | 15.71 |
| Line transformer maintenance | | | | 119.70 | |
| Meter maintenance | 81.26 | 101.57 | 4.70 | 235.23 | 119.88 |
| Consumers' premises expenses | | 29.37 | | | |
| Street lighting, operation and maintenance | 261.68 | 165.19 | 124.35 | 353.77 | 50.20 |
| Promotion of business | | | | | |
| Billing and collecting | 853.39 | 555.53 | 290.43 | 804.52 | 327.86 |
| General office, salaries and expenses | 152.78 | 488.71 | 492.16 | 1,284.39 | 132.40 |
| Undistributed expenses | 40.26 | 17.20 | 67.17 | 497.06 | 16.51 |
| Truck operation and maintenance | 72.04 | | | 411.64 | |
| Interest | 471.93 | 461.97 | 378.74 | 1,747.81 | |
| Sinking fund and principal payments on debentures | 799.32 | 584.19 | 492.22 | 1,984.46 | |
| Depreciation | 1,037.00 | 761.00 | 676.00 | 2,579.00 | 361.00 |
| Other reserves | | 12.00 | | 50.00 | |
| Total operating costs and fixed charges | 16,777.27 | 15,401.45 | 9,495.72 | 64,132.44 | 3,906.69 |
| Net surplus | 3,337.95 | 839.19 | 483.33 | 4,928.32 | 748.16 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 338 | 258 | 185 | 706 | 96 |
| Commercial light service | 99 | 74 | 52 | 109 | 37 |
| Power service | 13 | 3 | 14 | 26 | 6 |
| Total | 450 | 335 | 251 | 841 | 139 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1935

| Humberstone 2,487 | Ingersoll 4,919 | Jarvis 535 | Kingsville 2,354 | Kitchener 31,328 | Lambeth P.V. | La Salle 671 | Leamington 5,004 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 9,196.49 | 31,689.82 | 2,530.74 | 14,040.44 | 202,185.59 | 3,360.34 | 5,367.42 | 29,290.23 |
| 3,351.72 | 15,302.93 | 1,831.90 | 5,904.22 | 102,880.42 | 1,461.58 | 1,386.16 | 14,775.60 |
| 3,449.76 | 26,770.70 | 3,769.97 | 3,293.52 | 226,228.44 |  | 2,444.97 | 13,134.57 |
|  | 1,973.54 |  | 1,175.47 | 21,385.25 | 517.30 |  | 5,416.72 |
| 1,367.00 | 4,851.48 | 840.00 | 2,973.96 | 32,330.30 | 432.00 | 495.00 | 5,782.98 |
|  | 278.48 |  |  |  |  |  |  |
| 290.24 | 598.46 | 44.01 | 1,167.64 | 5,501.42 | 71.91 | 106.32 | 1,005.51 |
| 17,655.21 | 81,465.41 | 9,016.62 | 28,555.25 | 590,511.42 | 5,843.13 | 9,799.87 | 69,405.61 |
| 9,766.78 | 60,408.20 | 5,789.62 | 16,170.15 | 448,998.95 | 4,099.43 | 6,754.81 | 42,024.36 |
|  | 452.39 |  |  | 6,889.20 |  |  |  |
|  |  |  |  | 3,417.94 |  |  |  |
| 1,159.14 | 3,264.41 | 67.72 | 1,648.75 | 12,202.41 | 230.59 | 283.88 | 2,851.69 |
| 73.00 | 484.91 |  | 52.50 | 661.69 | 90.01 |  |  |
| 67.45 | 756.78 |  | 671.15 | 5,943.76 | 42.65 | 143.53 | 602.31 |
|  | 31.40 |  | 162.30 | 1,489.47 | 1.25 |  | 10.89 |
| 277.89 | 462.00 | 35.63 | 1,153.71 | 7,041.73 | 25.98 | 14.00 | 1,059.97 |
|  | 374.82 | 41.00 |  | 541.97 |  |  |  |
| 611.79 | 1,798.65 | 507.21 | 1,479.80 | 13,475.34 | 243.51 | 366.75 | 1,869.99 |
| 262.58 | 4,287.74 | 60.47 | 1,216.74 | 16,287.89 | 54.00 | 357.89 | 2,994.60 |
| 51.35 | 247.55 | 18.91 | 349.54 | 3,192.36 | 1.98 | 68.60 | 648.09 |
| 119.12 | 446.63 |  | 325.92 | 2,328.02 |  |  | 462.43 |
| 1,019.92 | 3,550.86 | 267.89 | 1,692.66 | 9,093.98 |  | 648.05 | 1,865.84 |
| 1,400.00 |  | 542.67 | 758.85 | 16,209.85 |  | 711.88 | 2,336.80 |
| 987.00 | 3,828.00 | 423.00 | 1,988.00 | 32,319.00 | 357.00 | 868.00 | 3,554.00 |
|  |  |  | 48.82 |  |  | 35.00 | 75.00 |
| 15,796.02 | 80,394.34 | 7,754.12 | 27,718.89 | 580,093.56 | 5,146.40 | 10,252.39 | 60,355.97 |
| 1,859.19 | 1,071.07 | 1,262.50 | 836.36 | 10,417.86 | 696.73 |  | 9,049.64 |
|  |  |  |  |  |  | 452.52 |  |
| 531 | 1,338 | 128 | 708 | 7,240 | 111 | 173 | 1,346 |
| 62 | 242 | 43 | 171 | 1,006 | 28 | 16 | 244 |
| 5 | 43 | 3 | 13 | 264 | 1 | 4 | 28 |
| 598 | 1,623 | 174 | 892 | 8,510 | 140 | 193 | 1,618 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Listowel | London | London Twp. | Long Branch | Lucan |
|---|---|---|---|---|---|
| Population | 2,755 | 73,880 | | 3,776 | 604 |
| Earnings | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 17,163.89 | 540,809.37 | 11,682.22 | 25,334.02 | 4,392.40 |
| Commercial light service | 8,524.24 | 203,250.80 | 2,452.07 | 5,905.63 | 1,762.57 |
| Commercial power service | 12,439.98 | 341,427.45 | 1,722.31 | 1,289.94 | 302.18 |
| Municipal power | 1,610.20 | 61,497.62 | | 988.98 | |
| Street lighting | 3,840.60 | 54,843.84 | 856.50 | 3,741.37 | 994.02 |
| Merchandise | | 4,799.64 | | | |
| Miscellaneous | 1,082.10 | 36,494.45 | 531.65 | 96.15 | 289.13 |
| Total earnings | 44,661.01 | 1,243,123.17 | 17,244.75 | 37,356.09 | 7,740.30 |
| Expenses | | | | | |
| Power purchased | 30,622.17 | 834,801.16 | 12,503.80 | 19,520.84 | 4,728.94 |
| Substation operation | 59.06 | 15,601.74 | | | |
| Substation maintenance | | 12,881.27 | | | |
| Distribution system, operation and maintenance | 2,260.78 | 21,559.51 | 473.22 | 3,062.23 | 588.95 |
| Line transformer maintenance | 90.38 | 3,697.23 | | 20.13 | 57.58 |
| Meter maintenance | 407.07 | 19,665.99 | 201.09 | 637.56 | 75.85 |
| Consumers' premises expenses | | 5,913.74 | | | |
| Street lighting, operation and maintenance | 356.07 | 16,089.95 | 178.34 | 462.22 | 127.31 |
| Promotion of business | | 20,503.59 | | | |
| Billing and collecting | 842.72 | 28,751.19 | 619.59 | 1,735.98 | 636.21 |
| General office, salaries and expenses | 695.77 | 38,355.94 | 584.66 | 2,099.43 | 313.89 |
| Undistributed expenses | 137.54 | 7,447.78 | 5.44 | 545.76 | 50.08 |
| Truck operation and maintenance | 220.34 | 3,231.52 | | | |
| Interest | 352.79 | 42,565.48 | 432.37 | 1,654.11 | 204.80 |
| Sinking fund and principal payments on debentures | 1,924.55 | 68,702.29 | 532.93 | 2,113.26 | 285.27 |
| Depreciation | 2,754.00 | 98,735.31 | 776.00 | 2,327.00 | 679.00 |
| Other reserves | | 7,491.73 | | | |
| Total operating costs and fixed charges | 40,723.24 | 1,245,995.42 | 16,307.44 | 34,178.52 | 7,747.88 |
| Net surplus | 3,937.77 | | 937.31 | 3,177.57 | |
| Net loss | | 2,872.25 | | | 7.58 |
| Number of Consumers | | | | | |
| Domestic service | 736 | 16,902 | 355 | 1,155 | 171 |
| Commercial light service | 150 | 2,759 | 23 | 111 | 42 |
| Power service | 21 | 468 | 4 | 5 | 6 |
| Total | 907 | 20,129 | 382 | 1,271 | 219 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Lynden | Markham | Merlin | Merritton | Milton | Milverton | Mimico | Mitchell |
|---|---|---|---|---|---|---|---|
| P.V. | 1,092 | P.V. | 2,557 | 1,775 | 996 | 6,733 | 1,526 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,135.02 | 7,119.53 | 2,215.32 | 12,238.94 | 11,578.66 | 5,265.84 | 58,291.99 | 10,882.39 |
| 698.22 | 2,728.17 | 1,514.97 | 2,519.76 | 5,543.41 | 3,043.51 | 10,732.40 | 4,709.69 |
| 770.60 | 2,450.69 | 950.20 | 77,480.33 | 8,926.65 | 2,308.36 | 3,328.93 | 3,483.48 |
| ........ | 436.62 | ........ | ........ | ........ | 551.80 | 7,411.21 | 906.19 |
| 430.00 | 1,344.00 | 688.00 | 3,368.50 | 2,037.96 | 999.00 | 7,005.34 | 2,088.00 |
| ........ | ........ | ........ | ........ | 73.78 | ........ | ........ | 1,235.17 |
| ........ | 228.58 | 309.19 | ........ | 1,278.49 | 96.87 | ........ | 1,110.56 |
| 4,033.84 | 14,307.59 | 5,677.68 | 95,607.53 | 29,438.95 | 12,265.38 | 86,769.87 | 24,415.48 |
| 2,861.05 | 8,368.32 | 3,259.68 | 82,602.88 | 20,828.16 | 8,400.73 | 55,222.57 | 14,719.97 |
| ........ | ........ | ........ | 296.18 | 240.00 | ........ | ........ | 124.43 |
| ........ | ........ | ........ | ........ | ........ | ........ | 104.53 | ........ |
| 54.49 | 1,187.90 | 244.06 | 2,163.69 | 1,553.27 | 225.16 | 5,675.19 | 940.62 |
| ........ | ........ | 1.03 | ........ | ........ | ........ | 133.44 | 45.55 |
| ........ | ........ | 27.65 | 513.59 | 86.40 | 121.67 | 1,749.81 | 576.79 |
| ........ | ........ | ........ | 33.70 | 22.81 | ........ | 13.43 | 15.83 |
| 56.36 | 118.29 | 67.86 | 728.37 | 238.54 | 117.13 | 1,111.34 | 396.39 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 118.79 | ........ | 283.70 | 1,000.50 | 869.46 | 692.90 | 1,795.89 | 760.92 |
| 65.71 | 753.76 | 179.74 | 1,603.91 | 1,929.45 | 275.76 | 1,687.23 | 1,845.17 |
| 26.87 | ........ | 1.83 | 150.49 | 163.93 | 187.82 | 184.19 | 1,126.55 |
| ........ | 243.50 | ........ | 542.71 | 448.52 | ........ | 312.68 | 284.74 |
| 133.53 | 46.73 | 422.21 | 887.71 | 448.65 | 56.12 | 4,454.17 | 8.92 |
| 171.63 | 413.51 | 754.79 | 1,673.63 | 778.99 | 751.96 | 5,975.27 | ........ |
| 290.00 | 820.00 | 384.00 | 2,128.00 | 1,906.23 | 725.00 | 5,732.00 | 3,304.00 |
| ........ | ........ | 23.40 | ........ | ........ | ........ | ........ | ........ |
| 3,778.43 | 11,952.01 | 5,649.95 | 94,325.36 | 29,514.41 | 11,554.25 | 84,151.74 | 24,149.88 |
| 255.41 | 2,355.58 | 27.73 | 1,282.17 | ........ | 711.13 | 2,618.13 | 265.60 |
| ........ | ........ | ........ | ........ | 75.46 | ........ | ........ | ........ |
| 84 | 283 | 109 | 640 | 455 | 228 | 1,768 | 441 |
| 20 | 70 | 43 | 65 | 106 | 75 | 137 | 113 |
| 1 | 8 | 1 | 9 | 17 | 6 | 20 | 23 |
| 105 | 361 | 153 | 714 | 578 | 309 | 1,925 | 577 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA SYSTEM—Continued

| Municipality<br>Population | Moore-field<br>P.V. | Mount Brydges<br>P.V. | Newbury<br>265 | New Hamburg<br>1,449 | New Toronto<br>7,861 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,149.17 | 2,791.27 | 1,289.69 | 9,814.31 | 35,982.94 |
| Commercial light service | 637.63 | 829.97 | 751.44 | 4,258.70 | 14,241.59 |
| Commercial power service | 1,236.32 | 831.44 | 735.49 | 5,154.35 | 117,478.50 |
| Municipal power | | | | | 12,757.81 |
| Street lighting | 375.00 | 537.00 | 705.00 | 2,217.00 | 8,697.48 |
| Merchandise | | | | 171.51 | |
| Miscellaneous | 42.02 | 203.21 | 12.45 | 174.98 | 19.30 |
| Total earnings | 3,440.14 | 5,192.89 | 3,494.07 | 21,790.85 | 189,177.62 |
| EXPENSES | | | | | |
| Power purchased | 2,462.99 | 3,594.82 | 2,151.00 | 14,352.98 | 162,879.37 |
| Substation operation | | | | 179.97 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 7.40 | 92.81 | 237.11 | 307.97 | 4,027.53 |
| Line transformer maintenance | | | | 4.53 | 297.25 |
| Meter maintenance | | 133.62 | | 329.82 | 1,780.95 |
| Consumers' premises expenses | | | | | |
| Street lighting, operation and maintenance | 24.48 | 36.96 | 80.17 | 344.10 | 1,946.25 |
| Promotion of business | | | | | |
| Billing and collecting | | 173.62 | | 676.00 | 2,979.40 |
| General office, salaries and expenses | 171.22 | 113.69 | 119.77 | 1,236.33 | 5,336.92 |
| Undistributed expenses | | 18.36 | 15.75 | 102.17 | 1,551.53 |
| Truck operation and maintenance | | | | 194.18 | 597.46 |
| Interest | 60.27 | 120.38 | 234.00 | 297.16 | 188.70 |
| Sinking fund and principal payments on debentures | 325.14 | 169.98 | 500.00 | 873.76 | 335.46 |
| Depreciation | 199.00 | 325.00 | 309.00 | 1,336.00 | 5,683.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 3,250.50 | 4,779.24 | 3,646.80 | 20,234.97 | 187,603.82 |
| Net surplus | 189.64 | 413.65 | | 1,555.88 | 1,573.80 |
| Net loss | | | 152.73 | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 59 | 135 | 65 | 343 | 1,516 |
| Commercial light service | 25 | 37 | 23 | 96 | 181 |
| Power service | 2 | 3 | 2 | 12 | 37 |
| Total | 86 | 175 | 90 | 451 | 1,734 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1935

| Niagara Falls 18,060 | Niagara-on-the-Lake 1,569 | North York Twp. | Norwich 1,174 | Oil Springs 463 | Otterville P.V. | Palmerston 1,470 | Paris 4,330 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 149,339.63 | 14,262.48 | 110,011.37 | 8,199.02 | 1,555.87 | 2,204.62 | 9,421.62 | 23,387.18 |
| 57,096.90 | 3,750.82 | 17,120.86 | 3,592.40 | 1,305.00 | 1,598.82 | 4,928.57 | 8,048.43 |
| 63,424.47 | 1,002.90 | 27,718.87 | 1,387.01 | 7,568.99 | 501.89 | 4,838.70 | 12,164.21 |
| 18,048.89 | 2,040.51 | 5,124.62 | 722.51 | .... | 111.50 | 2,081.01 | 1,304.86 |
| 27,200.85 | 2,871.74 | 3,743.84 | 2,120.00 | 760.50 | 786.00 | 1,992.93 | 5,450.50 |
| .... | 779.68 | .... | 613.50 | 2.82 | .... | .... | .... |
| 61.50 | 436.39 | 1,627.84 | 197.50 | 448.15 | 64.91 | 64.84 | 2,280.52 |
| 315,172.24 | 25,144.52 | 165,347.40 | 16,831.94 | 11,641.33 | 5,267.74 | 23,327.67 | 52,635.70 |
| 192,954.13 | 13,192.70 | 92,269.66 | 10,640.64 | 7,220.58 | 3,392.03 | 14,535.12 | 33,170.77 |
| 9,099.47 | .... | .... | .... | .... | .... | .... | 640.61 |
| .... | .... | .... | .... | .... | .... | 546.19 | |
| 7,293.82 | 2,257.92 | 6,705.74 | 1,330.22 | 735.24 | 63.40 | 964.44 | 3,614.22 |
| 698.98 | 5.59 | 372.68 | .... | .... | 6.52 | 116.55 | 13.99 |
| 6,619.65 | 264.59 | 980.19 | 266.27 | 183.77 | 112.97 | 330.64 | 842.41 |
| 610.05 | 64.60 | 209.77 | 1.23 | .... | .... | .... | .... |
| 3,817.33 | 541.36 | 838.11 | 251.43 | 97.93 | 86.97 | 521.30 | 592.71 |
| .... | .... | .... | .... | .... | .... | .... | 69.88 |
| 7,603.72 | 965.80 | 4,119.95 | 401.44 | 358.89 | 312.19 | 525.87 | 1,363.75 |
| 9,134.37 | 945.90 | 4,357.34 | 463.62 | 194.77 | 40.59 | 572.72 | 1,488.22 |
| 4,049.37 | 67.97 | 2,062.66 | 88.25 | 62.46 | 18.18 | 102.80 | 283.00 |
| 2,940.29 | 362.05 | 2,568.31 | 83.02 | .... | .... | 124.91 | 336.27 |
| 18,048.64 | 1,124.89 | 19,421.94 | 279.80 | 845.70 | 31.64 | 223.93 | 493.28 |
| 27,302.56 | 1,059.29 | 17,698.11 | 623.27 | 775.94 | 370.18 | 973.42 | 775.24 |
| 24,468.00 | 1,682.00 | 12,415.00 | 882.00 | 746.00 | 469.00 | 1,218.00 | 5,330.00 |
| .... | .... | .... | .... | .... | .... | .... | 98.83 |
| 314,640.38 | 22,534.66 | 164,019.46 | 15,311.19 | 11,221.28 | 4,903.67 | 20,755.89 | 49,113.18 |
| 531.86 | 2,609.86 | 1,327.94 | 1,520.75 | 420.05 | 364.07 | 2,571.78 | 3,522.52 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 4,545 | 481 | 3,107 | 342 | 76 | 109 | 378 | 1,055 |
| 673 | 82 | 242 | 88 | 31 | 45 | 96 | 180 |
| 87 | 11 | 36 | 6 | 32 | 3 | 12 | 23 |
| 5,305 | 574 | 3,385 | 436 | 139 | 157 | 486 | 1,258 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Parkhill | Petrolia | Plattsville | Point Edward | Port Colborne |
|---|---|---|---|---|---|
| Population | 1,023 | 2,664 | P.V. | 1,222 | 5,680 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 4,954.75 | 11,988.51 | 2,584.50 | 5,716.70 | 29,956.60 |
| Commercial light service | 3,107.98 | 6,264.06 | 1,024.07 | 1,699.01 | 13,547.19 |
| Commercial power service | 212.91 | 23,005.59 | 905.33 | 31,291.68 | 6,850.98 |
| Municipal power | 577.97 | | | | 6,817.27 |
| Street lighting | 1,437.00 | 2,652.00 | 408.00 | 1,599.96 | 7,905.94 |
| Merchandise | | 122.61 | | | 144.25 |
| Miscellaneous | | 538.58 | 1.09 | 710.32 | |
| Total earnings | 10,290.61 | 44,571.35 | 4,922.99 | 41,017.67 | 65,222.23 |
| EXPENSES | | | | | |
| Power purchased | 6,937.18 | 26,950.16 | 2,887.85 | 36,799.23 | 35,985.72 |
| Substation operation | | | | | |
| Substation maintenance | | 54.49 | | | |
| Distribution system, operation and maintenance | 184.91 | 2,884.79 | 40.79 | 153.80 | 2,105.89 |
| Line transformer maintenance | | 201.91 | | 59.90 | 289.15 |
| Meter maintenance | 172.41 | 726.34 | 92.86 | 254.01 | 499.10 |
| Consumers' premises expenses | | | | | |
| Street lighting, operation and maintenance | 164.23 | 539.93 | 20.18 | 139.64 | 2,250.91 |
| Promotion of business | | | | | 21.38 |
| Billing and collecting | 276.04 | 566.63 | 170.15 | | 1,775.32 |
| General office, salaries and expenses | 79.30 | 2,499.21 | 4.46 | 1,861.75 | 3,568.38 |
| Undistributed expenses | 69.14 | 223.16 | 21.51 | 18.49 | 185.13 |
| Truck operation and maintenance | | 362.04 | | | 902.60 |
| Interest | 301.25 | 1,220.28 | 131.56 | 435.91 | 3,910.31 |
| Sinking fund and principal payments on debentures | 828.71 | 2,500.14 | 209.11 | 1,062.57 | 7,507.61 |
| Depreciation | 742.00 | 3,047.00 | 285.00 | 1,116.00 | 4,636.00 |
| Other reserves | | 500.00 | | | |
| Total operating costs and fixed charges | 9,755.17 | 42,276.08 | 3,863.47 | 41,901.30 | 63,637.50 |
| Net surplus | 535.44 | 2,295.27 | 1,059.52 | | 1,584.73 |
| Net loss | | | | 883.63 | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 244 | 710 | 98 | 306 | 1,322 |
| Commercial light service | 78 | 165 | 25 | 46 | 239 |
| Power service | 3 | 58 | 1 | 9 | 21 |
| Total | 325 | 933 | 124 | 361 | 1,582 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Port Credit 1,670 | Port Dalhousie 1,410 | Port Dover 1,692 | Port Rowan 644 | Port Stanley 759 | Preston 6,274 | Princeton P.V. | Queenston P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 13,319.36 | 14,363.97 | 7,370.72 | 3,431.57 | 13,286.59 | 36,995.45 | 2,075.03 | 3,296.19 |
| 5,411.38 | 2,536.15 | 3,950.08 | 1,703.35 | 3,683.71 | 16,755.64 | 700.94 | 984.64 |
| 2,198.30 | 5,863.41 | 4,945.58 | 87.01 | 3,494.02 | 37,043.71 | 2,999.55 | ...... |
| 1,182.53 | ...... | 50.61 | ...... | 779.67 | 1,088.96 | ...... | ...... |
| 2,730.00 | 1,636.25 | 2,930.00 | 1,242.00 | 2,306.30 | 5,012.00 | 481.00 | 304.42 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 377.91 | ...... | ...... | 7.20 | 467.13 | 1,461.56 | ...... | 32.00 |
| 25,219.48 | 24,399.78 | 19,246.99 | 6,471.13 | 24,017.42 | 98,357.32 | 6,256.52 | 4,617.25 |
| 18,479.03 | 16,672.57 | 10,574.50 | 3,047.60 | 13,619.04 | 66,641.40 | 4,229.20 | 2,691.84 |
| ...... | ...... | ...... | ...... | ...... | 4,269.36 | ...... | ...... |
| ...... | ...... | ...... | ...... | ...... | 10.35 | ...... | ...... |
| 1,417.89 | 1,846.20 | 1,577.35 | 18.40 | 2,620.45 | 2,298.66 | 35.91 | 51.00 |
| 91.97 | 34.48 | 110.82 | ...... | 24.78 | 447.51 | 13.25 | 1.50 |
| 228.15 | 276.23 | 333.76 | ...... | 88.09 | 910.70 | 60.79 | 16.05 |
| 10.00 | 4.70 | ...... | ...... | ...... | 89.82 | ...... | ...... |
| 442.18 | 252.71 | 598.82 | 34.01 | 170.51 | 1,193.02 | 50.00 | 30.08 |
| ...... | ...... | 219.58 | ...... | ...... | 160.45 | ...... | ...... |
| 699.39 | 607.20 | 659.77 | 92.63 | 764.71 | 1,685.00 | 182.32 | ...... |
| 327.95 | 792.28 | 692.02 | 97.48 | 717.87 | 3,001.17 | 29.33 | 309.51 |
| 27.46 | 51.41 | 34.92 | ...... | 77.43 | 267.06 | 2.05 | ...... |
| ...... | 353.75 | ...... | ...... | 220.17 | 396.61 | ...... | ...... |
| 366.18 | 562.58 | 468.90 | 666.23 | 327.24 | 2,357.44 | 85.00 | 294.25 |
| 589.95 | 1,228.76 | 1,290.70 | 449.63 | 905.58 | 4,201.77 | 141.76 | 521.19 |
| 1,564.00 | 985.00 | 1,360.00 | 347.00 | 1,371.00 | 8,720.00 | 265.00 | 358.00 |
| 150.00 | ...... | ...... | ...... | ...... | 400.00 | ...... | ...... |
| 24,394.15 | 23,667.87 | 17,921.14 | 4,752.98 | 20,906.87 | 97,050.32 | 5,094.61 | 4,273.42 |
| 825.33 | 731.91 | 1,325.85 | 1,718.15 | 3,110.55 | 1,307.00 | 1,161.91 | 343.83 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 400 | 609 | 498 | 107 | 711 | 1,461 | 78 | 68 |
| 78 | 65 | 122 | 30 | 97 | 226 | 20 | 11 |
| 6 | 14 | 12 | 1 | 8 | 50 | 3 | ...... |
| 484 | 688 | 632 | 138 | 816 | 1,737 | 101 | 79 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Richmond Hill | Ridgetown | Riverside | Rockwood | Rodney |
|---|---|---|---|---|---|
| Population | 1,236 | 2,016 | 4,875 | P.V. | 729 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 6,953.69 | 9,460.79 | 37,351.98 | 3,141.51 | 3,379.11 |
| Commercial light service | 3,632.71 | 5,175.80 | 4,273.96 | 1,046.25 | 2,190.09 |
| Commercial power service | 1,966.16 | 3,509.81 | 6,031.23 | 352.02 | 2,042.81 |
| Municipal power | 417.33 | 888.20 | 1,242.64 | | |
| Street lighting | 1,389.00 | 3,136.59 | 2,827.54 | 765.75 | 991.98 |
| Merchandise | 21.56 | | | | |
| Miscellaneous | 118.18 | 536.03 | 225.56 | 44.96 | 47.53 |
| Total earnings | 14,498.63 | 22,707.22 | 51,952.91 | 5,350.49 | 8,651.52 |
| EXPENSES | | | | | |
| Power purchased | 10,541.67 | 14,738.31 | 30,976.36 | 3,447.44 | 5,527.52 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 1,144.92 | 1,105.68 | 351.31 | 140.76 | 240.08 |
| Line transformer maintenance | | 114.86 | 34.13 | | |
| Meter maintenance | | 189.42 | 582.11 | 15.10 | 50.32 |
| Consumers' premises expenses | | 16.64 | 1,008.00 | | |
| Street lighting, operation and maintenance | 315.00 | 468.74 | 544.68 | 75.86 | 67.70 |
| Promotion of business | | 82.22 | 375.81 | 0.31 | |
| Billing and collecting | 826.40 | 885.66 | 3,500.00 | | 401.67 |
| General office, salaries and expenses | 348.01 | 863.32 | 1,764.28 | 497.56 | 311.72 |
| Undistributed expenses | 8.00 | 57.58 | 797.90 | | 19.35 |
| Truck operation and maintenance | | | 604.50 | | |
| Interest | 181.27 | 363.92 | 2,989.16 | 107.61 | 286.76 |
| Sinking fund and principal payments on debentures | 418.77 | 401.87 | 4,225.27 | 87.52 | 307.61 |
| Depreciation | 585.00 | 1,405.00 | 4,168.00 | 452.00 | 430.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 14,369.04 | 20,693.22 | 51,921.51 | 4,824.16 | 7,642.73 |
| Net surplus | 129.59 | 2,014.00 | 31.40 | 526.33 | 1,008.79 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 339 | 558 | 1,147 | 138 | 203 |
| Commercial light service | 68 | 144 | 47 | 35 | 75 |
| Power service | 17 | 20 | 6 | 2 | 5 |
| Total | 424 | 722 | 1,200 | 175 | 283 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| St. Catharines 26,394 | St. Clair Beach 79 | St. George P.V. | St. Jacobs P.V. | St. Marys 4,038 | St. Thomas 10,066 | Sandwich 10,682 | Sarnia 17,645 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 143,885.37 | 2,074.70 | 3,128.14 | 4,128.85 | 29,527.11 | 115,087.08 | 88,166.01 | 108,536.83 |
| 52,272.49 | 2,100.02 | 1,321.24 | 1,370.88 | 11,821.51 | 50,320.47 | 16,379.17 | 48,037.26 |
| 112,239.90 | 53.86 | 2,250.52 | 2,181.93 | 14,676.65 | 51,659.73 | 13,428.61 | 159,818.44 |
|  |  |  |  | 2,997.84 | 5,929.10 |  | 5,364.55 |
| 21,270.55 |  | 370.50 | 460.00 | 4,692.66 | 14,698.00 | 8,436.35 | 18,652.98 |
|  |  |  |  |  | 735.13 |  | 747.91 |
| 3,853.28 |  | 78.41 | 135.88 | 570.51 | 3,861.60 |  | 8,137.48 |
| 333,521.59 | 4,228.58 | 7,148.81 | 8,277.54 | 64,286.28 | 242,291.11 | 126,410.14 | 349,295.45 |
| 226,466.44 | 2,316.74 | 5,507.68 | 6,368.42 | 44,590.64 | 178,836.31 | 87,323.04 | 227,773.46 |
| 3,884.42 |  |  |  | 1,352.94 | 7,399.48 | 150.52 | 8,717.41 |
|  |  |  |  | 116.67 | 826.94 |  | 589.72 |
| 14,683.14 | 91.59 | 24.03 | 26.17 | 1,334.53 | 9,216.07 | 2,541.13 | 7,463.29 |
| 1,293.55 |  | 3.75 |  | 44.45 | 996.81 | 669.29 | 535.60 |
| 4,121.50 | 70.86 | 18.80 | 16.53 | 1,290.08 | 2,479.16 | 1,331.80 | 3,299.11 |
| 1,883.37 | 44.37 |  |  | 1.44 | 2,026.33 | 675.09 | 809.98 |
| 3,020.20 |  | 101.58 | 57.20 | 988.86 | 2,541.47 | 1,551.96 | 5,428.40 |
| 105.60 | 7.34 |  |  | 241.07 | 1,140.61 | 511.44 | 3,191.51 |
| 11,378.31 | 137.50 | 482.86 | 282.48 | 1,185.45 | 5,557.82 | 5,880.65 | 8,344.80 |
| 9,784.09 | 25.76 | 66.66 | 94.23 | 1,057.29 | 10,207.73 | 5,859.34 | 11,674.21 |
| 4,549.34 | 68.20 | 17.13 | 2.25 | 665.65 | 5,665.58 | 1,060.46 | 5,123.48 |
| 988.57 | 67.50 |  |  | 611.77 | 1,407.82 | 945.66 | 1,842.20 |
| 9,263.54 | 249.32 | 163.65 | 76.37 | 2,133.13 | 118.18 | 5,378.13 | 6,007.46 |
| 13,699.41 | 382.09 | 240.43 | 427.61 | 2,314.20 |  | 7,220.91 | 22,897.88 |
| 17,644.00 | 348.00 | 326.00 | 368.00 | 4,549.00 | 13,719.00 | 6,135.00 | 18,891.00 |
|  |  |  |  |  |  |  | 500.00 |
| 322,765.48 | 3,809.27 | 6,952.57 | 7,719.26 | 62,477.17 | 242,139.31 | 127,234.42 | 333,089.51 |
| 10,756.11 | 419.31 | 196.24 | 558.28 | 1,809.11 | 151.80 |  | 16,205.94 |
|  |  |  |  |  |  | 824.28 |  |
| 6,449 | 43 | 136 | 116 | 1,000 | 4,089 | 2,557 | 4,576 |
| 715 | 3 | 36 | 27 | 179 | 629 | 206 | 626 |
| 143 | 1 | 3 | 7 | 34 | 78 | 28 | 84 |
| 7,307 | 47 | 175 | 150 | 1,213 | 4,796 | 2,791 | 5,286 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Scarboro' Twp. | Seaforth | Simcoe | Springfield | Stamford Twp. |
|---|---|---|---|---|---|
| Population | | 1,697 | 5,317 | 380 | |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 98,499.04 | 10,323.85 | 22,784.27 | 1,779.48 | 56,380.59 |
| Commercial light service | 19,996.06 | 5,502.97 | 25,782.43 | 746.98 | 7,241.24 |
| Commercial power service | 10,329.53 | 5,236.66 | 25,234.49 | 2,137.63 | 9,668.46 |
| Municipal power | 12,086.57 | 758.34 | 2,338.51 | | 1,900.12 |
| Street lighting | 14,396.96 | 1,853.00 | 4,539.20 | 561.00 | 7,734.75 |
| Merchandise | | 564.43 | | | 1,607.70 |
| Miscellaneous | 1,081.56 | 10.54 | 1,203.78 | 233.75 | 264.58 |
| Total earnings | 156,389.72 | 24,249.79 | 81,882.68 | 5,458.84 | 84,797.44 |
| EXPENSES | | | | | |
| Power purchased | 85,956.54 | 15,677.19 | 46,442.32 | 3,917.78 | 45,349.96 |
| Substation operation | 104.45 | 150.00 | 898.36 | | 859.53 |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 5,993.43 | 1,637.48 | 4,281.70 | 18.02 | 3,590.17 |
| Line transformer maintenance | 1,151.72 | 89.92 | 231.63 | 4.00 | 8.73 |
| Meter maintenance | 3,172.12 | 142.77 | 1,402.81 | 131.64 | 1,211.83 |
| Consumers' premises expenses | 22.99 | 4.00 | 91.76 | | 631.26 |
| Street lighting, operation and maintenance | 2,256.31 | 311.15 | 951.97 | 31.98 | 1,281.98 |
| Promotion of business | | | 632.54 | | 884.81 |
| Billing and collecting | 6,022.74 | 751.40 | 1,801.23 | 256.73 | 3,073.75 |
| General office, salaries and expenses | 5,278.19 | 653.74 | 2,979.23 | 124.50 | 4,339.12 |
| Undistributed expenses | 1,938.65 | 447.60 | 540.11 | 1.48 | 1,148.44 |
| Truck operation and maintenance | 1,763.18 | 210.99 | 542.99 | | 1,232.86 |
| Interest | 9,626.30 | | 2,152.66 | 196.33 | 8,825.99 |
| Sinking fund and principal payments on debentures | 14,998.90 | | 3,266.50 | 187.73 | 11,681.21 |
| Depreciation | 11,562.00 | 1,902.00 | 3,618.00 | 366.00 | 6,235.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 149,847.52 | 21,978.24 | 69,833.81 | 5,236.19 | 90,354.64 |
| Net surplus | 6,542.20 | 2,271.55 | 12,048.87 | 222.65 | |
| Net loss | | | | | 5,557.20 |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 4,573 | 481 | 1,244 | 97 | 1,686 |
| Commercial light service | 362 | 123 | 321 | 30 | 103 |
| Power service | 37 | 17 | 35 | 4 | 13 |
| Total | 4,972 | 621 | 1,600 | 131 | 1,802 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Stouffville<br>1,169 | Stratford<br>17,456 | Strathroy<br>2,875 | Streetsville<br>671 | Sutton<br>812 | Tavistock<br>1,033 | Tecumseh<br>2,526 | Thamesford<br>P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 7,083.72 | 149,041.81 | 20,525.08 | 5,230.68 | 7,477.14 | 6,944.33 | 14,134.00 | 2,629.32 |
| 3,011.58 | 53,473.27 | 10,237.98 | ...... | 2,914.29 | 2,279.37 | 3,913.54 | 1,402.33 |
| 831.77 | 52,494.55 | 12,991.65 | 2,943.30 | 994.86 | 9,227.09 | 1,667.67 | 1,477.34 |
| ...... | 10,409.45 | 1,105.95 | ...... | ...... | 475.98 | ...... | ...... |
| 1,638.00 | 16,507.96 | 4,050.96 | 935.50 | 1,966.00 | 1,263.66 | 1,140.00 | 517.00 |
| ...... | 598.65 | 104.59 | ...... | ...... | ...... | ...... | ...... |
| 301.28 | 9,691.52 | 1,454.76 | 647.66 | 25.81 | 239.79 | ...... | 370.61 |
| 12,866.35 | 292,217.21 | 50,470.97 | 9,757.14 | 13,378.10 | 20,430.22 | 20,855.21 | 6,396.60 |
| 7,890.86 | 188,636.80 | 29,421.96 | 3,820.13 | 8,407.95 | 16,105.21 | 9,851.48 | 4,565.49 |
| ...... | 4,429.01 | 313.50 | 966.40 | ...... | ...... | ...... | ...... |
| ...... | 1,559.78 | 139.78 | 12.09 | ...... | ...... | ...... | ...... |
| 743.12 | 5,590.59 | 1,185.57 | 443.97 | 293.72 | 431.63 | 466.17 | 246.18 |
| ...... | 134.54 | 344.49 | 26.18 | ...... | 14.00 | 24.93 | 80.63 |
| ...... | 3,224.44 | 773.79 | 69.40 | ...... | 39.97 | 575.38 | 3.72 |
| ...... | 210.41 | 1.20 | ...... | ...... | ...... | 381.85 | ...... |
| 183.14 | 2,383.16 | 692.99 | 159.41 | 207.82 | 125.84 | 362.98 | 65.53 |
| ...... | 749.53 | 1,077.88 | ...... | ...... | ...... | 85.45 | ...... |
| ...... | 5,430.22 | 801.53 | 634.43 | ...... | 567.01 | 1,731.30 | 122.54 |
| 367.35 | 8,298.10 | 1,885.62 | 195.31 | 668.72 | 222.59 | 300.63 | 141.19 |
| ...... | 3,151.23 | 244.34 | 24.01 | ...... | 47.10 | 385.51 | 22.71 |
| ...... | 977.64 | 372.12 | ...... | ...... | ...... | 534.50 | ...... |
| 277.01 | 20,675.00 | 1,720.03 | 928.02 | 817.89 | 172.98 | 955.09 | 64.15 |
| 1,098.06 | 9,239.60 | 1,604.95 | 1,709.78 | 1,498.80 | 217.33 | 1,496.86 | 134.93 |
| 597.00 | 21,202.00 | 3,381.00 | 592.00 | 907.00 | 840.00 | 1,564.00 | 462.00 |
| ...... | 600.00 | 58.47 | 40.26 | ...... | ...... | ...... | ...... |
| 11,156.54 | 276,492.05 | 44,019.22 | 9,621.39 | 12,801.90 | 18,783.66 | 18,716.13 | 5,909.07 |
| 1,709.81 | 15,725.16 | 6,451.75 | 135.75 | 576.20 | 1,646.56 | 2,139.08 | 487.53 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 346 | 4,305 | 806 | 205 | 406 | 259 | 520 | 121 |
| 78 | 620 | 169 | ...... | 76 | 77 | 47 | 41 |
| 4 | 128 | 26 | 4 | 5 | 7 | 3 | 7 |
| 428 | 5,053 | 1,001 | 209 | 487 | 343 | 570 | 169 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

**NIAGARA SYSTEM—Continued**

| Municipality | Thamesville | Thedford | Thorndale | Thorold | Tilbury |
|---|---|---|---|---|---|
| Population | 710 | 575 | P.V. | 4,954 | 1,937 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 3,704.13 | 3,006.75 | 1,476.68 | 19,391.31 | 7,004.30 |
| Commercial light service | 2,562.53 | 1,850.68 | 934.68 | 6,902.28 | 8,825.56 |
| Commercial power service | 1,169.42 | 1,118.60 | 223.01 | 31,730.60 | 9,651.40 |
| Municipal power | 239.50 | | | 4,201.13 | 225.00 |
| Street lighting | 1,200.00 | 1,035.00 | 384.00 | 3,301.00 | 1,604.04 |
| Merchandise | | | | | |
| Miscellaneous | 287.94 | 47.58 | 16.33 | 432.52 | 493.30 |
| Total earnings | 9,163.52 | 7,058.61 | 3,034.70 | 65,958.84 | 27,803.60 |
| EXPENSES | | | | | |
| Power purchased | 6,180.72 | 4,252.03 | 2,285.03 | 47,159.59 | 18,439.37 |
| Substation operation | | | | 2,374.29 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 413.41 | 129.59 | 65.85 | 2,545.85 | 1,563.19 |
| Line transformer maintenance | | | | 19.52 | |
| Meter maintenance | 145.48 | 13.12 | 1.90 | 567.84 | 84.10 |
| Consumers' premises expenses | | | | 47.80 | |
| Street lighting, operation and maintenance | 194.20 | 84.96 | 60.30 | 607.36 | 349.48 |
| Promotion of business | | | | | |
| Billing and collecting | 262.09 | 207.67 | 30.95 | 1,412.77 | 784.93 |
| General office, salaries and expenses | 225.66 | 108.32 | 27.65 | 1,091.24 | 942.74 |
| Undistributed expenses | 16.41 | 12.19 | 0.96 | 417.20 | 149.51 |
| Truck operation and maintenance | | | | 374.95 | 173.12 |
| Interest | 214.85 | 481.83 | 67.94 | | 359.18 |
| Sinking fund and principal payments on debentures | 239.20 | 956.72 | 95.99 | | 716.05 |
| Depreciation | 791.00 | 410.00 | 245.00 | 2,812.35 | 1,145.00 |
| Other reserves | 37.18 | | | | 128.53 |
| Total operating costs and fixed charges | 8,720.20 | 6,656.43 | 2,881.57 | 59,430.76 | 24,835.20 |
| Net surplus | 443.32 | 402.18 | 153.13 | 6,528.08 | 2,968.40 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 218 | 131 | 66 | 1,094 | 440 |
| Commercial light service | 76 | 43 | 21 | 166 | 138 |
| Power service | 6 | 3 | 1 | 16 | 13 |
| Total | 300 | 177 | 88 | 1,276 | 591 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Tillsonburg 3,453 | Toronto 623,562 | Toronto Twp. | Trafalgar Twp. Area No. 1 | Trafalgar Twp. Area No. 2 | Walkerville 9,968 | Wallaceburg 4,630 |
|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 15,575.05 | 4,081,343.34 | 63,295.61 | 13,541.51 | 5,863.90 | 107,948.59 | 19,288.38 |
| 13,083.77 | 3,085,270.24 | 14,329.80 | 697.11 | | 31,004.81 | 10,711.55 |
| 10,465.44 | 3,480,567.81 | 9,705.70 | 669.66 | | 175,568.06 | 52,697.82 |
| 759.46 | 1,294,169.05 | | | | | 1,923.92 |
| 4,386.38 | 537,402.34 | 4,987.20 | | | 12,302.04 | 4,170.00 |
| 366.78 | | | | | 1,497.22 | |
| 470.00 | 259,132.20 | 1,288.57 | 357.17 | | 2,299.37 | 1,458.87 |
| 45,106.88 | 12,737,884.98 | 93,606.88 | 15,265.45 | 5,863.90 | 330,620.09 | 90,250.54 |
| 26,901.14 | 6,844,845.33 | 57,043.16 | 7,312.00 | 2,697.25 | 255,804.40 | 60,872.51 |
| 899.33 | 209,542.58 | | | | 6,097.72 | 254.80 |
| | 252,942.04 | | | | 776.14 | |
| 1,740.67 | 314,726.20 | 4,561.50 | 2,048.42 | 481.99 | 5,108.64 | 2,837.69 |
| 6.90 | 30,156.68 | 180.44 | | | 442.93 | 46.44 |
| 371.18 | 101,130.27 | 1,174.85 | 66.55 | 28.05 | 2,541.18 | 841.75 |
| | 263,983.30 | | | | 6,379.63 | |
| 844.91 | 107,863.14 | 832.38 | | | 3,291.79 | 737.24 |
| | 151,348.99 | | | | 2,429.35 | 649.77 |
| 1,036.13 | 334,586.69 | 3,423.01 | | | 4,851.36 | 2,413.04 |
| 3,213.75 | 372,535.62 | 4,914.86 | 1,617.96 | 554.02 | 8,711.10 | 2,847.98 |
| 181.53 | *155,866.11 | 241.09 | 136.38 | 31.11 | 7,475.27 | 1,346.59 |
| 480.97 | | 1,431.01 | 459.27 | | 2,648.30 | 745.65 |
| 426.86 | 1,261,453.06 | 3,219.49 | 648.61 | 390.51 | 5,169.60 | 2,422.45 |
| 1,127.81 | 1,323,680.93 | 5,759.96 | 1,033.64 | | 13,938.92 | 3,073.37 |
| 3,384.00 | 856,904.96 | 9,294.00 | 1,232.00 | 344.00 | 17,448.00 | 4,968.00 |
| 200.00 | | | | | | |
| 40,815.18 | 12,581,565.90 | 92,075.75 | 14,554.83 | 4,526.93 | 343,114.33 | 84,057.28 |
| 4,291.70 | 156,319.08 | 1,531.13 | 710.62 | 1,336.97 | | 6,193.26 |
| | | | | | 12,494.24 | |
| 917 | 156,254 | 1,957 | 300 | 152 | 2,650 | 1,057 |
| 213 | 24,821 | 177 | 2 | | 309 | 257 |
| 31 | 5,147 | 24 | 10 | | 89 | 28 |
| 1,161 | 186,222 | 2,158 | 312 | 152 | 3,048 | 1,342 |

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*Includes $15,000.00 provision for possible York township profit.

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Continued

| Municipality | Wardsville | Waterdown | Waterford | Waterloo | Watford |
|---|---|---|---|---|---|
| Population | 247 | 932 | 1,202 | 8,746 | 916 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,136.06 | 5,732.70 | 6,015.29 | 62,320.54 | 6,517.92 |
| Commercial light service | 1,112.22 | 1,677.52 | 1,790.73 | 22,227.51 | 3,452.57 |
| Commercial power service |  | 1,946.47 | 4,256.82 | 26,489.80 | 2,362.82 |
| Municipal power |  | 200.79 | 295.08 | 3,572.10 | 400.72 |
| Street lighting | 720.00 | 932.00 | 1,512.00 | 7,558.54 | 1,344.96 |
| Merchandise |  |  |  | 268.70 | 76.38 |
| Miscellaneous | 31.69 | 37.41 | 262.26 | 1,325.45 | 351.92 |
| Total earnings | 2,999.97 | 10,526.89 | 14,132.18 | 123,762.64 | 14,507.29 |
| EXPENSES |  |  |  |  |  |
| Power purchased | 1,656.73 | 6,705.73 | 10,365.77 | 81,115.32 | 9,073.47 |
| Substation operation |  |  |  | 2,345.92 |  |
| Substation maintenance |  |  |  | 2,146.43 |  |
| Distribution system, operation and maintenance | 105.35 | 356.08 | 792.18 | 3,657.11 | 826.77 |
| Line transformer maintenance |  |  | 30.83 | 140.66 |  |
| Meter maintenance | 7.00 | 9.10 | 60.78 | 907.39 | 102.14 |
| Consumers' premises expenses |  |  |  | 742.05 |  |
| Street lighting, operation and maintenance | 79.53 | 165.60 | 383.41 | 1,350.04 | 68.51 |
| Promotion of business |  |  | 46.25 |  | 147.20 |
| Billing and collecting |  | 513.40 | 434.38 | 3,193.31 | 493.14 |
| General office, salaries and expenses | 169.36 | 149.60 | 431.15 | 4,093.86 | 613.16 |
| Undistributed expenses |  | 24.80 | 19.73 | 380.33 | 38.30 |
| Truck operation and maintenance |  |  |  | 927.31 | 161.18 |
| Interest | 235.56 |  |  | 2,453.78 | 43.62 |
| Sinking fund and principal payments on debentures | 463.87 |  |  | 4,550.95 | 793.17 |
| Depreciation | 255.00 | 864.00 | 1,037.00 | 9,180.00 | 820.00 |
| Other reserves |  |  |  | 332.66 | 25.00 |
| Total operating costs and fixed charges | 2,972.40 | 8,788.31 | 13,601.48 | 117,517.12 | 13,205.66 |
| Net surplus | 27.57 | 1,738.58 | 530.70 | 6,245.52 | 1,301.63 |
| Net loss |  |  |  |  |  |
| NUMBER OF CONSUMERS |  |  |  |  |  |
| Domestic service | 50 | 228 | 324 | 1,882 | 273 |
| Commercial light service | 24 | 35 | 68 | 250 | 75 |
| Power service |  | 7 | 11 | 75 | 5 |
| Total | 74 | 270 | 403 | 2,207 | 353 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1935

| Welland 10,585 | Wellesley P.V. | West Lorne 747 | Weston 4,958 | Wheatley 743 | Windsor 62,216 | Wood-bridge 742 | Woodstock 10,968 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 52,924.14 | 2,728.08 | 2,858.39 | 43,507.45 | 3,908.05 | 527,192.45 | 6,551.39 | 73,740.96 |
| 29,324.15 | 1,554.26 | 1,348.01 | 10,009.82 | 2,607.04 | 245,042.86 | 1,900.53 | 38,256.63 |
| 71,648.79 | 1,900.11 | 898.77 | 36,607.10 | 1,270.29 | 188,584.07 | 5,069.36 | 54,829.37 |
| 3,300.30 |  |  | 579.05 | 489.94 | 12,079.25 | 400.82 | 2,986.69 |
| 10,893.20 | 720.00 | 1,010.00 | 7,176.25 | 1,349.25 | 76,420.41 | 900.84 | 8,135.34 |
| 1,275.25 |  |  |  |  |  |  |  |
| 7,340.89 | 4.65 | 196.62 | 762.03 | 82.50 |  | 87.95 | 4,950.53 |
| 176,706.72 | 6,907.10 | 6,311.79 | 98,641.70 | 9,707.07 | 1,049,319.04 | 14,910.89 | 182,899.52 |
| 99,637.81 | 4,494.57 | 3,807.84 | 76,016.01 | 6,020.23 | 590,833.23 | 10,586.89 | 135,441.01 |
| 5,063.18 |  |  | 146.00 |  | 15,832.15 |  | 2,536.52 |
| 588.83 |  |  |  |  | 4,693.89 |  | 65.66 |
| 5,552.04 | 52.47 | 161.49 | 4,541.37 | 805.26 | 19,406.40 | 225.97 | 4,651.24 |
| 191.24 | 2.76 | 6.20 |  | 108.41 | 3,768.98 | 11.82 | 101.89 |
| 3,902.59 | 23.25 | 41.70 | 755.58 | 155.71 | 14,453.26 | 282.86 | 2,109.47 |
| 316.11 |  |  | 183.00 |  | 24,923.94 |  |  |
| 1,211.21 | 58.38 | 227.35 | 1,060.89 | 279.83 | 16,666.76 | 122.99 | 2,285.32 |
| 433.90 |  |  |  |  | 25,150.17 |  | 707.64 |
| 3,569.16 |  | 432.15 | 761.92 | 360.84 | 30,245.93 |  | 3,839.32 |
| 9,184.37 | 425.12 | 195.89 | 2,774.04 | 178.16 | 26,985.96 | 726.21 | 5,354.02 |
| 1,323.01 | 22.99 | 2.06 | 430.27 | 65.22 | 19,514.43 |  | 1,700.23 |
| 1,681.97 |  |  | 435.68 |  | 15,750.91 |  | 871.55 |
| 14,328.19 | 71.92 | 282.82 | 1,657.17 | 419.78 | 53,010.32 | 325.82 | 4,610.84 |
| 10,666.10 | 581.96 | 289.04 | 3,350.64 | 671.87 | 94,962.83 | 324.53 | 1,236.99 |
| 12,810.53 | 337.00 | 644.00 | 5,134.00 | 632.00 | 69,005.00 | 854.00 | 12,578.00 |
|  |  |  | 159.66 |  |  |  | 300.00 |
| 170,460.24 | 6,070.42 | 6,090.54 | 97,406.23 | 9,697.31 | 1,025,204.16 | 13,461.09 | 178,389.70 |
| 6,246.48 | 836.68 | 221.25 | 1,235.47 | 9.76 | 24,114.88 | 1,449.80 | 4,509.82 |
|  |  |  |  |  |  |  |  |
| 2,392 | 128 | 190 | 1,275 | 156 | 15,357 | 256 | 2,970 |
| 434 | 44 | 49 | 181 | 58 | 2,265 | 49 | 457 |
| 82 | 6 | 3 | 26 | 3 | 307 | 7 | 89 |
| 2,908 | 178 | 242 | 1,482 | 217 | 17,929 | 312 | 3,516 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

NIAGARA
SYSTEM—Concluded

| Municipality | Wyoming | *York Twp. | Zurich | NIAGARA SYSTEM SUMMARY |
|---|---|---|---|---|
| Population | 492 | | P.V. | |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,694.32 | 603,082.77 | 3,067.54 | 9,869,112.67 |
| Commercial light service | 1,653.48 | 70,233.53 | 2,138.03 | 5,350,325.00 |
| Commercial power service | 230.68 | 87,380.24 | | 8,323,571.43 |
| Municipal power | | 9,215.05 | | 1,658,259.98 |
| Street lighting | 765.00 | 49,478.49 | 693.00 | 1,395,528.40 |
| Merchandise | | | | 17,451.29 |
| Miscellaneous | 41.29 | 15,321.14 | 70.41 | 465,427.09 |
| Total earnings | 5,384.77 | 834,711.22 | 5,968.98 | 27,079,675.86 |
| EXPENSES | | | | |
| Power purchased | 3,019.09 | †776,123.12 | 3,928.24 | 16,404,279.72 |
| Substation operation | | | | 394,080.66 |
| Substation maintenance | | | | 288,965.96 |
| Distribution system, operation and maintenance | 274.43 | | 416.93 | 666,806.29 |
| Line transformer maintenance | | | | 58,254.21 |
| Meter maintenance | | | 127.19 | 255,122.64 |
| Consumers' premises expenses | | | | 332,214.55 |
| Street lighting, operation and maintenance | 48.96 | | 92.46 | 259,653.55 |
| Promotion of business | | | | 234,328.45 |
| Billing and collecting | 200.02 | | 224.11 | 681,769.64 |
| General office, salaries and expenses | 47.89 | | 23.69 | 769.637.42 |
| Undistributed expenses | | | 16.52 | 297,227.88 |
| Truck operation and maintenance | | | | 72,357.19 |
| Interest | 51.32 | 21,550.95 | 195.58 | 1,845,294.55 |
| Sinking fund and principal payments on debentures | 843.94 | 24,266.93 | 194.42 | 2,218,920.41 |
| Depreciation | 430.00 | 22,379.00 | 403.00 | 1,693,702.44 |
| Other reserves | | | | 19,439.68 |
| Total operating costs and fixed charges | 4,915.65 | 844,320.00 | 5,622.14 | 26,492,055.24 |
| Net surplus | 469.12 | | 346.84 | 587,620.62 |
| Net loss | | 9,608.78 | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 132 | 20,171 | 122 | 373,878 |
| Commercial light service | 50 | 1,059 | 48 | 57,041 |
| Power service | 2 | 154 | | 10,570 |
| Total | 184 | 21,384 | 170 | 441,489 |

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*In this column the figures given are for the year ended Dec. 31, 1934, and are not included in the System summary. The 1935 figures for York Twp. are included with the Toronto column figures, and have not yet been segregated.

†Operating costs are based on special agreement with Toronto.

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

GEORGIAN BAY
SYSTEM

| Alliston | Arthur | Barrie | Beaverton | Beeton | Bradford | Brechin | Cannington |
|---|---|---|---|---|---|---|---|
| 1,412 | 1,034 | 7,725 | 932 | 621 | 1,002 | 621 | 786 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 8,537.48 | 4,772.93 | 54,672.84 | 6,377.18 | 3,705.27 | 5,971.21 | 959.75 | 5,063.88 |
| 4,797.50 | 3,837.63 | 31,710.76 | 2,606.48 | 2,463.75 | 3,237.58 | 1,100.84 | 2,290.45 |
| 2,207.91 | 1,245.89 | 17,002.15 | 1,090.21 | 1,830.19 | 2,462.75 | 1,044.54 | 583.74 |
| 834.41 | 647.20 | 1,010.01 | ...... | ...... | 403.59 | ...... | ...... |
| 2,012.50 | 1,748.00 | 6,149.74 | 1,295.04 | 1,185.00 | 1,072.00 | 594.00 | 1,085.75 |
| ...... | ...... | 33.43 | ...... | ...... | ...... | ...... | 40.40 |
| 82.41 | 0.81 | 328.20 | 830.17 | ...... | 69.53 | 1.66 | ...... |
| 18,472.21 | 12,252.46 | 110,907.13 | 12,199.08 | 9,184.21 | 13,216.66 | 3,700.79 | 9,064.22 |
| 11,673.99 | 7,955.39 | 68,867.88 | 6,606.66 | 6,662.88 | 8,059.26 | 2,257.82 | 5,394.05 |
| ...... | ...... | 1,368.06 | ...... | ...... | ...... | ...... | ...... |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 784.86 | 540.20 | 6,217.60 | 966.90 | 121.70 | 298.91 | 335.45 | 651.18 |
| ...... | ...... | 67.79 | 4.29 | ...... | ...... | ...... | ...... |
| ...... | ...... | 914.56 | ...... | ...... | ...... | ...... | ...... |
| 70.00 | ...... | ...... | 2.95 | ...... | ...... | ...... | 20.45 |
| 173.82 | 106.64 | 990.11 | 223.39 | 91.58 | 57.93 | 63.54 | 183.62 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 807.15 | ...... | 3,204.90 | 450.54 | ...... | 623.95 | ...... | ...... |
| 301.37 | 377.87 | 1,240.89 | 224.35 | 388.66 | 128.08 | 56.89 | 592.90 |
| 54.44 | ...... | 919.24 | 108.11 | ...... | 258.70 | ...... | ...... |
| ...... | ...... | 640.02 | ...... | ...... | ...... | ...... | ...... |
| 1,575.57 | 1,119.27 | 1,716.31 | 301.20 | 478.63 | 1,068.61 | 207.15 | 394.70 |
| 1,572.40 | 808.16 | 2,952.69 | 619.33 | 492.83 | 941.93 | 109.17 | 678.81 |
| 1,450.00 | 976.00 | 7,584.00 | 1,240.00 | 625.00 | 906.00 | 150.00 | 715.00 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 18,463.60 | 11,883.53 | 96,684.05 | 10,747.72 | 8,861.28 | 12,343.37 | 3,180.02 | 8,630.71 |
| 8.61 | 368.93 | 14,223.08 | 1,451.36 | 322.93 | 873.29 | 520.77 | 433.51 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| 347 | 194 | 1,970 | 315 | 128 | 222 | 40 | 250 |
| 103 | 84 | 387 | 65 | 39 | 60 | 28 | 72 |
| 13 | 4 | 45 | 9 | 4 | 9 | 3 | 10 |
| 463 | 282 | 2,402 | 389 | 171 | 291 | 71 | 332 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality<br>Population | Chats-worth<br>302 | Chesley<br>1,794 | Coldwater<br>608 | Colling-wood<br>5,416 | Cooks-town<br>P.V. |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 1,727.07 | 8,867.48 | 2,657.03 | 25,673.49 | 2,232.39 |
| Commercial light service | 1,164.87 | 4,333.86 | 1,815.63 | 9,810.95 | 1,197.78 |
| Commercial power service | | 8,161.37 | 5,588.64 | 16,370.39 | 820.94 |
| Municipal power | | 968.98 | | 1,323.34 | |
| Street lighting | 574.00 | 1,512.33 | 572.00 | 3,207.00 | 840.00 |
| Merchandise | | 39.24 | | | |
| Miscellaneous | 25.71 | 693.22 | 211.36 | 633.98 | 87.76 |
| Total earnings | 3,491.65 | 24,576.48 | 10,844.66 | 57,019.15 | 5,178.87 |
| EXPENSES | | | | | |
| Power purchased | 2,001.73 | 15,121.49 | 8,741.42 | 44,285.61 | 2,669.51 |
| Substation operation | | | | 46.35 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 61.05 | 750.20 | 388.81 | 635.00 | 174.98 |
| Line transformer maintenance | | 81.07 | | | |
| Meter maintenance | | 247.57 | | 225.92 | |
| Consumers' premises expenses | | 197.25 | | 12.00 | |
| Street lighting, operation and maintenance | 16.73 | 237.18 | 36.07 | 432.55 | 40.40 |
| Promotion of business | | | | 26.74 | |
| Billing and collecting | | 429.91 | | 2,634.65 | 189.26 |
| General office, salaries and expenses | 261.08 | 639.90 | 341.17 | 2,578.05 | 43.03 |
| Undistributed expenses | | 97.30 | | 711.22 | 3.66 |
| Truck operation and maintenance | | 72.70 | | 115.31 | |
| Interest | 272.17 | 263.64 | 184.28 | | 406.66 |
| Sinking fund and principal payments on debentures | 226.22 | 2,160.30 | 297.40 | | 320.82 |
| Depreciation | 265.00 | 1,308.00 | 577.00 | 4,050.00 | 541.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 3,103.98 | 21,606.51 | 10,566.15 | 55,753.40 | 4,389.32 |
| Net surplus | 387.67 | 2,969.97 | 278.51 | 1,265.75 | 789.55 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 79 | 424 | 137 | 1,304 | 104 |
| Commercial light service | 33 | 98 | 57 | 200 | 31 |
| Power service | | 19 | 3 | 55 | 3 |
| Total | 112 | 541 | 197 | 1,559 | 138 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Creemore<br>656 | Dundalk<br>709 | Durham<br>1,825 | Elmvale<br>P.V. | Elmwood<br>P.V. | Flesherton<br>469 | Grand Valley<br>575 | Gravenhurst<br>1,985 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,455.85 | 2,886.92 | 6,783.20 | 2,817.58 | 1,206.22 | 2,517.39 | 3,296.62 | 9,033.45 |
| 2,150.25 | 2,417.17 | 4,789.22 | 1,730.89 | 642.85 | 1,862.90 | 1,778.89 | 6,979.79 |
| 960.88 | 2,399.02 | 2,775.30 | 2,701.91 | 1,354.50 | 401.71 | 1,825.96 | 8,357.46 |
| .......... | .......... | 645.10 | 144.15 | .......... | .......... | .......... | 632.99 |
| 708.00 | 1,230.00 | 1,935.00 | 621.00 | 529.00 | 615.00 | 884.00 | 2,142.31 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 57.14 |
| .......... | 149.33 | 400.90 | 175.53 | 97.12 | 29.93 | 148.31 | 157.50 |
| 7,274.98 | 9,082.44 | 17,328.72 | 8,191.06 | 3,829.69 | 5,426.93 | 7,933.78 | 27,360.64 |
| 4,900.78 | 6,493.42 | 10,076.38 | 5,304.17 | 2,107.98 | 3,272.28 | 4,895.51 | 14,673.66 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 228.91 | 604.53 | 416.65 | 645.16 | 61.41 | 267.51 | 81.43 | 1,410.13 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | 127.34 | .......... | .......... | .......... | .......... | 318.38 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 54.95 | 98.78 | 304.65 | 100.93 | 15.30 | 37.94 | 153.01 | 346.41 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | 912.82 | .......... | .......... | .......... | .......... | 1,483.94 |
| 208.84 | 634.34 | 678.49 | 260.13 | 188.06 | 377.48 | 514.84 | 627.66 |
| .......... | .......... | 65.07 | .......... | .......... | .......... | 31.89 | 825.16 |
| .......... | .......... | 298.74 | .......... | .......... | .......... | .......... | 167.91 |
| 5.38 | 23.99 | 128.74 | 191.98 | 153.94 | 381.52 | 106.92 | 402.52 |
| .......... | 398.16 | 1,457.24 | 308.21 | 478.76 | 282.94 | 853.53 | 607.17 |
| 452.00 | 462.00 | 1,209.00 | 658.00 | 258.00 | 354.00 | 565.00 | 1,790.00 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 200.00 |
| 5,850.86 | 8,715.22 | 15,675.12 | 7,468.58 | 3,263.45 | 4,973.67 | 7,202.13 | 22,852.94 |
| 1,424.12 | 367.22 | 1,653.60 | 722.48 | 566.24 | 453.26 | 731.65 | 4,507.70 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 138 | 164 | 412 | 157 | 60 | 140 | 155 | 457 |
| 58 | 73 | 108 | 55 | 20 | 52 | 48 | 106 |
| 3 | 4 | 8 | 7 | 1 | 2 | 5 | 14 |
| 199 | 241 | 528 | 219 | 81 | 194 | 208 | 577 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**GEORGIAN BAY SYSTEM—Continued**

| Municipality | Hanover | Holstein | Huntsville | Kincardine | Kirkfield |
|---|---|---|---|---|---|
| Population | 3,006 | P.V. | 2,651 | 2,354 | P.V. |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 18,862.65 | 1,225.33 | 12,333.09 | 14,875.13 | 850.22 |
| Commercial light service | 6,989.16 | 593.64 | 9,349.64 | 7,315.97 | 1,146.66 |
| Commercial power service | 18,690.21 | | 12,301.27 | 10,304.11 | |
| Municipal power | 277.58 | | 1,400.00 | 1,519.84 | |
| Street lighting | 2,893.50 | 350.00 | 2,488.05 | 4,333.75 | 480.00 |
| Merchandise | | | | | |
| Miscellaneous | 1,547.63 | 86.45 | 847.60 | 60.24 | |
| Total earnings | 49,260.73 | 2,255.42 | 38,719.65 | 38,409.04 | 2,476.88 |
| EXPENSES | | | | | |
| Power purchased | 30,252.52 | 1,477.34 | 22,764.64 | 23,013.83 | 1,268.18 |
| Substation operation | | | | 308.75 | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 1,922.10 | 19.01 | 1,900.78 | 1,234.74 | 169.41 |
| Line transformer maintenance | 133.35 | | | | |
| Meter maintenance | 241.88 | | 383.22 | | |
| Consumers' premises expenses | 20.40 | | | 65.00 | |
| Street lighting, operation and maintenance | 433.54 | 7.34 | 435.80 | 348.79 | 14.55 |
| Promotion of business | | | 262.82 | | |
| Billing and collecting | 984.37 | | 1,113.21 | 712.26 | |
| General office, salaries and expenses | 809.74 | 154.19 | 808.32 | 684.68 | 39.89 |
| Undistributed expenses | 222.29 | | 571.88 | 175.01 | |
| Truck operation and maintenance | 160.51 | | 179.78 | 243.11 | |
| Interest | 1,709.17 | 44.08 | 176.32 | 1,707.03 | 224.02 |
| Sinking fund and principal payments on debentures | 5,935.53 | | 771.19 | 3,548.98 | 368.75 |
| Depreciation | 3,460.00 | 117.00 | 1,185.00 | 2,277.00 | 225.00 |
| Other reserves | | | 300.00 | | |
| Total operating costs and fixed charges | 46,285.40 | 1,818.96 | 30,852.96 | 34,319.18 | 2,309.80 |
| Net surplus | 2,975.33 | 436.46 | 7,866.69 | 4,089.86 | 167.08 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 717 | 54 | 594 | 647 | 30 |
| Commercial light service | 125 | 19 | 131 | 117 | 19 |
| Power service | 21 | | 14 | 19 | |
| Total | 863 | 73 | 739 | 783 | 49 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Lucknow<br>1,055 | Markdale<br>793 | Meaford<br>2,722 | Midland<br>7,250 | Mildmay<br>741 | Mount Forest<br>1,826 | Neustadt<br>491 | Orangeville<br>2,789 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 6,663.07 | 3,661.07 | 11,710.28 | 35,265.48 | 2,795.98 | 7,884.77 | 2,105.34 | 14,926.62 |
| 3,152.67 | 2,712.22 | 6,401.35 | 14,536.03 | 2,013.83 | 5,709.18 | 1,449.53 | 9,718.65 |
| 3,391.66 | 940.26 | 6,144.99 | 49,432.46 | 712.82 | 4,268.50 | 39.00 | 5,918.68 |
| 493.83 | 45.00 | 905.19 | 3,296.66 | ... | 972.53 | ... | 1,241.34 |
| 1,531.25 | 900.00 | 2,953.00 | 6,907.42 | 738.42 | 2,240.00 | 975.00 | 3,014.00 |
| ... | ... | 1.77 | ... | ... | ... | ... | 12.07 |
| 179.48 | 86.03 | 997.79 | 1,576.93 | 64.11 | 233.03 | 347.47 | 308.59 |
| 15,411.96 | 8,344.58 | 29,114.37 | 111,014.98 | 6,325.16 | 21,308.01 | 4,916.34 | 35,139.95 |
| | | | | | | | |
| 10,628.45 | 5,146.77 | 17,246.69 | 74,475.40 | 3,340.78 | 15,878.55 | 2,137.62 | 21,068.01 |
| ... | ... | ... | 1,888.56 | ... | ... | ... | ... |
| ... | ... | ... | 207.50 | ... | ... | ... | ... |
| 213.41 | 56.34 | 1,859.90 | 2,937.16 | 159.37 | 526.23 | 47.02 | 1,360.24 |
| ... | ... | 21.92 | 83.37 | ... | ... | ... | ... |
| ... | ... | 139.66 | 781.57 | 86.95 | 136.55 | ... | 281.45 |
| ... | ... | ... | ... | ... | ... | ... | ... |
| 68.83 | 93.95 | 319.68 | 805.10 | 61.33 | 405.92 | 27.28 | 388.18 |
| ... | ... | ... | 1,095.11 | ... | ... | ... | ... |
| ... | ... | 908.07 | 2,147.77 | ... | 696.61 | ... | 1,324.04 |
| 1,165.53 | 460.04 | 461.34 | 2,030.60 | 345.74 | 116.42 | 206.53 | 175.80 |
| ... | ... | 415.29 | 2,041.02 | ... | 68.66 | ... | 55.68 |
| ... | ... | 167.95 | 403.06 | ... | 65.74 | ... | ... |
| 578.89 | 313.74 | 1,957.36 | 2,163.57 | 594.67 | 612.07 | 443.00 | 389.40 |
| 1,076.60 | 344.44 | 3,359.38 | 4,438.47 | 450.11 | 707.13 | 1,094.95 | 2,518.02 |
| 798.00 | 617.00 | 1,471.00 | 10,300.00 | 227.00 | 1,416.00 | 602.00 | 2,095.00 |
| ... | ... | | 2,000.00 | ... | ... | ... | ... |
| 14,529.71 | 7,032.28 | 28,328.24 | 107,798.26 | 5,265.95 | 20,629.88 | 4,558.40 | 29,655.82 |
| 882.25 | 1,312.30 | 786.13 | 3,216.72 | 1,059.21 | 678.13 | 357.94 | 5,484.13 |
| ... | ... | ... | ... | ... | ... | ... | ... |
| | | | | | | | |
| 270 | 190 | 668 | 1,610 | 145 | 456 | 94 | 676 |
| 64 | 74 | 142 | 222 | 43 | 149 | 30 | 159 |
| 6 | 10 | 18 | 59 | 2 | 13 | 1 | 26 |
| 340 | 274 | 828 | 1,891 | 190 | 618 | 125 | 861 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Continued

| Municipality<br>Population | Owen Sound<br>12,923 | Paisley<br>728 | Penetanguishene<br>4,352 | Port Elgin<br>1,301 | Port McNicoll<br>935 |
|---|---|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 64,074.25 | 4,001.16 | 12,168.72 | 7,035.14 | 3,202.80 |
| Commercial light service | 37,534.08 | 2,663.59 | 5,374.37 | 4,099.18 | 801.70 |
| Commercial power service | 40,144.54 | 1,156.23 | 12,023.78 | 3,473.52 | |
| Municipal power | | | 2,343.82 | 842.78 | |
| Street lighting | 12,854.14 | 1,246.00 | 2,182.00 | 2,283.06 | 1,000.00 |
| Merchandise | 416.38 | | | | |
| Miscellaneous | 1,752.37 | 159.83 | | 602.49 | 5.88 |
| Total earnings | 156,775.76 | 9,226.81 | 34,092.69 | 18,336.17 | 5,010.38 |
| EXPENSES | | | | | |
| Power purchased | 97,198.48 | 5,607.84 | 21,639.95 | 10,762.04 | 2,638.09 |
| Substation operation | 3,057.61 | | 7.50 | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 7,112.73 | 189.70 | 1,740.80 | 875.10 | 621.18 |
| Line transformer maintenance | 1,078.39 | | 15.80 | 17.55 | |
| Meter maintenance | 2,329.47 | | 48.43 | 72.93 | |
| Consumers' premises expenses | | | | | |
| Street lighting, operation and maintenance | 1,471.45 | 118.28 | 526.07 | 232.06 | 87.93 |
| Promotion of business | | | | | |
| Billing and collecting | 5,341.82 | | 1,205.09 | 562.89 | |
| General office, salaries and expenses | 5,091.99 | 505.08 | 466.25 | 221.81 | 114.07 |
| Undistributed expenses | 2,732.06 | | 272.47 | 40.55 | |
| Truck operation and maintenance | 915.87 | | 258.42 | 289.63 | |
| Interest | | 511.95 | 910.22 | 1,827.30 | 122.21 |
| Sinking fund and principal payments on debentures | | 826.92 | 1,817.65 | 1,543.94 | 545.57 |
| Depreciation | 7,397.00 | 548.00 | 2,965.00 | 921.00 | 425.00 |
| Other reserves | | | 500.00 | | |
| Total operating costs and fixed charges | 133,726.87 | 8,307.77 | 32,373.65 | 17,366.80 | 4,554.05 |
| Net surplus | 23,048.89 | 919.04 | 1,719.04 | 969.37 | 456.33 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 3,218 | 184 | 583 | 390 | 199 |
| Commercial light service | 560 | 55 | 101 | 92 | 30 |
| Power service | 108 | 4 | 26 | 9 | |
| Total | 3,886 | 243 | 710 | 491 | 229 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Port Perry 1,146 | Priceville P.V. | Ripley 450 | Rosseau 300 | Shelburne 1,166 | Southampton 1,355 | Stayner 900 | Sunderland P.V. |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 6,864.06 | 598.03 | 3,170.70 | 3,214.67 | 5,426.58 | 7,013.32 | 4,413.06 | 2,404.37 |
| 3,041.57 | 329.26 | 1,580.82 | 1,003.42 | 3,697.60 | 3,077.18 | 2,914.94 | 1,823.66 |
| 2,844.64 | .... | .... | .... | 2,128.56 | 2,190.24 | 2,520.94 | 61.82 |
| 352.98 | .... | .... | .... | 617.34 | 1,260.68 | .... | .... |
| 1,477.50 | 560.00 | 1,070.00 | 1,239.00 | 1,056.00 | 2,301.58 | 1,424.00 | 720.00 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 667.82 | 200.11 | 15.35 | .... | 192.54 | 83.72 | 241.27 | 73.34 |
| 15,248.57 | 1,687.40 | 5,836.87 | 5,457.09 | 13,118.62 | 15,926.72 | 11,514.21 | 5,083.19 |
| 9,354.99 | 810.72 | 3,504.23 | 3,076.34 | 8,541.72 | 9,011.27 | 7,322.83 | 3,011.86 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 977.92 | 20.14 | 14.25 | 182.02 | 485.40 | 1,359.53 | 613.57 | 261.40 |
| .... | .... | .... | 8.57 | .... | 98.40 | .... | .... |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 128.79 | 16.86 | 49.05 | 59.76 | 139.94 | 270.73 | 154.63 | 108.09 |
| .... | .... | .... | 204.27 | 540.00 | 880.09 | 557.15 | .... |
| 717.46 | 42.57 | 451.79 | 45.27 | 98.76 | 380.16 | 67.40 | 274.06 |
| .... | .... | .... | .... | .... | 46.15 | 168.70 | .... |
| .... | .... | .... | .... | .... | 357.43 | .... | .... |
| 850.13 | 282.67 | 599.08 | 718.43 | 156.73 | 1,074.36 | 50.37 | 153.52 |
| 839.89 | 368.77 | 428.98 | 385.84 | 1,460.36 | 1,213.08 | 387.96 | 246.48 |
| 880.00 | 190.00 | 454.00 | 245.00 | 1,015.00 | 818.00 | 898.00 | 303.60 |
| .... | .... | .... | .... | .... | .... | .... | .... |
| 13,749.18 | 1,731.73 | 5,501.38 | 4,925.50 | 12,437.91 | 15,509.20 | 10,220.61 | 4,359.01 |
| 1,499.39 | .... | 335.49 | 531.59 | 680.71 | 417.52 | 1,293.60 | 724.18 |
| .... | 44.33 | .... | .... | .... | .... | .... | .... |
| 316 | 33 | 118 | 62 | 273 | 412 | 251 | 115 |
| 81 | 9 | 44 | 20 | 80 | 79 | 86 | 45 |
| 10 | .... | .... | .... | 14 | 11 | 10 | 1 |
| 407 | 42 | 162 | 82 | 367 | 502 | 347 | 161 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

GEORGIAN BAY
SYSTEM—Concluded

| Municipality | Tara | Teeswater | Thornton | Tottenham | Uxbridge |
|---|---|---|---|---|---|
| Population | 509 | 796 | P.V. | 514 | 1,514 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 2,762.70 | 4,463.87 | 1,414.27 | 3,314.63 | 8,184.49 |
| Commercial light service | 1,524.22 | 2,541.70 | 641.18 | 1,783.77 | 3,569.90 |
| Commercial power service | 947.00 | 919.38 | 270.98 | 500.83 | 920.89 |
| Municipal power |  | 180.00 |  |  |  |
| Street lighting | 1,096.00 | 1,286.00 | 880.00 | 1,225.08 | 1,970.70 |
| Merchandise |  |  |  |  |  |
| Miscellaneous | 21.94 | 101.72 | 7.91 |  | 529.22 |
| Total earnings | 6,351.86 | 9,492.67 | 3,214.34 | 6,824.31 | 15,175.20 |
| EXPENSES |  |  |  |  |  |
| Power purchased | 3,068.43 | 4,862.35 | 1,600.95 | 5,070.82 | 9,276.01 |
| Substation operation |  |  |  |  |  |
| Substation maintenance |  |  |  |  |  |
| Distribution system, operation and maintenance | 72.85 | 20.03 | 61.76 | 337.68 | 603.79 |
| Line transformer maintenance |  |  |  |  |  |
| Meter maintenance |  |  |  |  |  |
| Consumers' premises expenses |  |  |  |  |  |
| Street lighting, operation and maintenance | 114.37 | 76.73 | 10.20 | 127.11 | 229.44 |
| Promotion of business |  |  |  |  |  |
| Billing and collecting |  |  |  |  |  |
| General office, salaries and expenses | 550.52 | 533.41 | 77.74 | 198.24 | 806.30 |
| Undistributed expenses |  |  |  |  |  |
| Truck operation and maintenance |  |  |  |  |  |
| Interest | 248.92 | 711.79 | 201.98 | 383.10 | 661.23 |
| Sinking fund and principal payments on debentures | 1,049.37 | 1,284.85 | 477.55 | 425.30 | 1,094.01 |
| Depreciation | 548.00 | 736.00 | 334.00 | 444.00 | 720.00 |
| Other reserves |  |  |  |  |  |
| Total operating costs and fixed charges | 5,652.46 | 8,225.16 | 2,764.18 | 6,986.25 | 13,390.78 |
| Net surplus | 699.40 | 1,267.51 | 450.16 |  | 1,784.42 |
| Net loss |  |  |  | 161.94 |  |
| NUMBER OF CONSUMERS |  |  |  |  |  |
| Domestic service | 136 | 194 | 56 | 130 | 369 |
| Commercial light service | 41 | 51 | 16 | 47 | 95 |
| Power service | 3 | 5 | 2 | 7 | 10 |
| Total | 180 | 250 | 74 | 184 | 474 |

## "B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Victoria Harbor 1,164 | Walkerton 2,461 | Waubaushene P.V. | Wiarton 1,782 | Windermere 127 | Wingham 2,024 | Woodville 442 | GEORGIAN BAY SYSTEM SUMMARY |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 2,942.15 | 13,963.27 | 2,348.42 | 8,556.89 | 2,620.16 | 12,541.18 | 2,137.73 | 485,210.88 |
| 878.73 | 8,298.32 | 636.08 | 6,299.53 | 1,149.62 | 7,205.62 | 1,120.32 | 267,398.93 |
| 43.87 | 4,005.15 | 86.18 | 2,605.13 | .......... | 9,028.82 | 741.36 | 277,943.28 |
| 88.73 | 616.91 | 93.17 | 1,526.53 | .......... | 524.27 | .......... | 25,208.95 |
| 702.00 | 2,562.59 | 448.70 | 2,300.00 | 455.00 | 3,384.00 | 581.00 | 106,620.41 |
| .......... | 464.53 | .......... | 11.06 | .......... | 43.84 | .......... | 1,119.86 |
| 6.78 | 96.81 | 96.06 | 121.59 | 28.05 | 431.97 | 211.70 | 16,107.25 |
| 4,662.26 | 30,007.58 | 3,708.61 | 21,420.73 | 4,252.83 | 33,159.70 | 4,792.11 | 1,179,609.56 |
| 2,550.85 | 14,712.05 | 1,419.50 | 12,301.30 | 2,307.28 | 15,256.15 | 2,561.98 | 728,188.68 |
| .......... | .......... | .......... | .......... | .......... | 1,501.22 | .......... | 8,178.05 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 207.50 |
| 105.53 | 1,378.85 | 165.00 | 580.93 | 72.36 | 2,551.31 | 485.06 | 48,937.17 |
| .......... | 176.09 | .......... | 8.35 | .......... | .......... | .......... | 1,687.97 |
| .......... | 603.05 | .......... | 64.24 | .......... | 90.78 | .......... | 7,200.92 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 388.05 |
| 92.28 | 545.08 | 99.31 | 204.16 | 21.03 | 746.85 | 47.85 | 12,853.87 |
| .......... | .......... | .......... | | | .......... | .......... | 1,384.67 |
| .......... | 1,423.90 | .......... | 1,076.32 | 158.57 | 583.80 | .......... | 31,157.35 |
| 358.22 | 1,207.72 | 301.40 | 213.77 | 26.91 | 879.27 | 289.78 | 32,042.85 |
| .......... | 128.31 | .......... | 80.04 | 14.63 | 376.99 | .......... | 10,484.52 |
| .......... | 281.72 | .......... | 201.59 | .......... | 78.01 | .......... | 4,897.50 |
| 29.10 | 2,849.68 | 17.99 | 1,803.34 | 671.09 | 2,149.09 | 147.17 | 37,427.95 |
| 515.57 | 2,205.60 | 287.82 | 1,247.00 | 420.95 | 1,555.73 | 258.84 | 61,067.65 |
| 421.00 | 1,463.00 | 325.00 | 823.00 | 316.00 | 3,057.00 | 245.00 | 77,416.60 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | 3,000.00 |
| 4,072.55 | 26,975.05 | 2,616.02 | 18,604.04 | 4,008.82 | 28,826.20 | 4,035.68 | 1,066,521.30 |
| 589.71 | 3,032.53 | 1,092.59 | 2,816.69 | 244.01 | 4,333.50 | 756.43 | 113,088.26 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 177 | 535 | 148 | 359 | 51 | 532 | 112 | 22,301 |
| 28 | 135 | 23 | 114 | 13 | 147 | 28 | 5,091 |
| 2 | 17 | 2 | 15 | .......... | 24 | 2 | 692 |
| 207 | 687 | 173 | 488 | 64 | 703 | 142 | 28,084 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO
SYSTEM

| Municipality | Alexandria | Apple Hill | Athens | Bath | Belleville |
|---|---|---|---|---|---|
| Population | 1,945 | P.V. | 562 | 360 | 13,899 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 7,117.80 | 1,136.79 | 3,118.48 | 1,333.85 | 80,272.20 |
| Commercial light service | 4,489.93 | 857.65 | 1,357.08 | 756.20 | 52,456.15 |
| Commercial power service | 4,914.06 | 304.70 | 1,308.64 | | 38,161.11 |
| Municipal power | 817.10 | | | | 6,640.12 |
| Street lighting | 2,665.00 | 563.26 | 1,055.00 | 714.00 | 10,675.99 |
| Merchandise | | | | | |
| Miscellaneous | 258.69 | 1.76 | 94.75 | 95.53 | 4,447.00 |
| Total earnings | 20,262.58 | 2,864.16 | 6,933.95 | 2,899.58 | 192,652.57 |
| EXPENSES | | | | | |
| Power purchased | 10,727.77 | 1,501.18 | 3,815.99 | 1,909.79 | 119,475.02 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 891.42 | 80.90 | 243.24 | 6.07 | 3,356.23 |
| Line transformer maintenance | 74.50 | | | 6.99 | 184.66 |
| Meter maintenance | 223.27 | 11.45 | 87.85 | | 1,502.06 |
| Consumers' premises expenses | | | | | 64.84 |
| Street lighting, operation and maintenance | 272.78 | 39.03 | 96.73 | 4.80 | 1,462.52 |
| Promotion of business | | | | | 1,011.71 |
| Billing and collecting | 959.45 | | | | 4,219.83 |
| General office, salaries and expenses | 379.99 | 260.15 | 173.54 | 106.34 | 6,560.54 |
| Undistributed expenses | 98.10 | | 2.42 | | 1,493.00 |
| Truck operation and maintenance | | | | | 265.40 |
| Interest | 1,115.95 | 181.59 | 620.82 | 457.22 | 1,354.65 |
| Sinking fund and principal payments on debentures | 2,458.47 | 341.51 | 553.63 | 239.41 | 7,000.00 |
| Depreciation | 1,383.00 | 172.00 | 479.00 | 183.00 | 5,805.00 |
| Other reserves | 400.00 | | | | |
| Total operating costs and fixed charges | 18,984.70 | 2,587.81 | 6,073.22 | 2,913.62 | 153,755.46 |
| Net surplus | 1,277.88 | 276.35 | 860.73 | | 38,897.11 |
| Net loss | | | | 14.04 | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 309 | 45 | 145 | 32 | 3,122 |
| Commercial light service | 109 | 22 | 44 | 16 | 629 |
| Power service | 15 | 1 | 1 | | 94 |
| Total | 433 | 68 | 190 | 48 | 3,845 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Bloomfield 677 | Bowmanville 3,602 | Brighton 1,427 | Brockville 9,818 | Cardinal 1,428 | Carleton Place 4,186 | Chesterville 970 | Cobden 637 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 3,220.96 | 27,941.73 | 9,981.05 | 46,447.48 | 7,249.25 | 18,216.76 | 5,448.59 | 2,300.96 |
| 1,247.79 | 9,683.90 | 4,932.97 | 24,038.95 | 1,959.48 | 8,762.53 | 2,677.54 | 2,722.86 |
| 1,351.68 | 50,991.09 | 2,394.10 | 29,917.25 | 551.64 | 24,677.68 | 1,945.05 | 293.19 |
| ...... | ...... | ...... | 4,712.95 | ...... | 1,587.67 | ...... | ...... |
| 720.00 | 3,746.50 | 2,191.92 | 8,634.25 | 924.50 | 4,791.42 | 1,032.00 | 2,015.00 |
| ...... | ...... | 10.85 | ...... | ...... | ...... | 219.13 | ...... |
| 17.48 | 908.12 | 200.05 | 6,195.10 | 34.06 | 1,841.23 | 444.57 | 67.29 |
| 6,557.91 | 93,271.34 | 19,710.94 | 119,945.98 | 10,718.93 | 59,877.29 | 11,766.88 | 7,399.30 |
| | | | | | | | |
| 3,308.52 | 57,715.59 | 8,641.43 | 70,471.05 | 4,800.23 | 35,508.65 | 7,053.79 | 3,626.92 |
| ...... | ...... | ...... | 5,170.00 | ...... | ...... | ...... | ...... |
| ...... | ...... | ...... | 519.82 | ...... | 171.12 | ...... | ...... |
| 166.36 | 1,757.89 | 1,325.95 | 2,559.60 | 733.11 | 1,402.29 | 993.35 | 25.09 |
| ...... | 234.61 | 24.30 | 211.46 | ...... | 44.01 | ...... | 19.61 |
| 18.02 | 497.91 | 386.15 | 2,439.92 | 8.25 | 474.29 | 55.89 | 143.07 |
| ...... | 23.20 | 67.08 | ...... | 1.70 | ...... | ...... | ...... |
| 94.38 | 383.83 | 195.43 | 1,472.42 | 182.57 | 480.86 | 133.40 | 182.90 |
| ...... | 86.30 | ...... | 172.15 | ...... | 440.57 | ...... | ...... |
| ...... | 1,809.44 | 744.29 | 2,337.32 | ...... | 1,654.50 | 382.20 | 275.45 |
| 165.66 | 2,094.14 | 1,503.55 | 4,951.40 | 539.30 | 3,484.56 | 544.46 | 83.81 |
| ...... | 807.91 | 341.87 | 906.57 | 26.95 | 197.74 | ...... | 27.34 |
| ...... | ...... | 184.69 | 868.00 | ...... | 486.18 | ...... | ...... |
| 417.63 | 1,955.14 | 993.18 | ...... | 652.24 | 2,465.23 | 136.02 | 468.20 |
| 453.73 | 2,533.90 | 934.60 | ...... | 551.40 | 2,707.52 | 212.48 | 431.80 |
| 527.00 | 1,620.00 | 615.00 | 8,955.00 | 399.00 | 2,168.00 | 635.00 | 111.00 |
| ...... | ...... | 165.00 | 3,500.00 | ...... | ...... | ...... | ...... |
| 5,151.30 | 71,519.86 | 16,122.52 | 104,534.71 | 7,894.75 | 51,685.52 | 10,146.59 | 5,395.19 |
| 1,406.61 | 21,751.48 | 3,588.42 | 15,411.27 | 2,824.18 | 8,191.77 | 1,620.29 | 2,004.11 |
| ...... | ...... | ...... | ...... | ...... | ...... | ...... | ...... |
| | | | | | | | |
| 154 | 1,062 | 486 | 2,608 | 333 | 959 | 233 | 91 |
| 30 | 175 | 97 | 438 | 58 | 190 | 70 | 47 |
| 6 | 29 | 10 | 69 | 2 | 20 | 4 | 1 |
| 190 | 1,266 | 593 | 3,115 | 393 | 1,169 | 307 | 139 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Continued**

| Municipality | Cobourg | Colborne | Deseronto | Finch | Hastings |
|---|---|---|---|---|---|
| Population | 5,780 | 1,016 | 1,395 | 400 | 795 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 30,738.03 | 5,093.12 | 5,901.56 | 1,854.26 | 3,807.68 |
| Commercial light service | 18,615.48 | 3,323.44 | 2,406.03 | 1,377.87 | 1,691.08 |
| Commercial power service | 24,939.36 | 470.76 | 1,292.23 | 541.81 | 501.76 |
| Municipal power | 2,654.83 | 318.35 | 665.80 | | |
| Street lighting | 5,617.04 | 1,416.00 | 1,542.00 | 570.00 | 1,275.55 |
| Merchandise | | 359.18 | | | |
| Miscellaneous | 1,383.85 | 112.14 | 114.38 | 140.01 | 381.42 |
| Total earnings | 83,948.59 | 11,092.99 | 11,922.00 | 4,483.95 | 7,657.49 |
| EXPENSES | | | | | |
| Power purchased | 44,304.47 | 4,390.65 | 6,329.57 | 2,624.84 | 3,543.46 |
| Substation operation | | | | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 1,841.19 | 867.84 | 901.66 | 35.86 | 473.91 |
| Line transformer maintenance | 294.99 | 19.78 | | | 3.50 |
| Meter maintenance | 1,353.02 | 51.39 | 15.83 | 1.80 | 15.10 |
| Consumers' premises expenses | 208.99 | | | | |
| Street lighting, operation and maintenance | 843.30 | 92.96 | 289.17 | 10.25 | 64.63 |
| Promotion of business | 287.23 | | 90.85 | | |
| Billing and collecting | 2,876.95 | | 302.22 | | 250.69 |
| General office, salaries and expenses | 3,726.68 | 1,211.37 | 652.36 | 244.79 | 91.31 |
| Undistributed expenses | 1,572.30 | 26.48 | 32.88 | | 31.02 |
| Truck operation and maintenance | 164.93 | 291.54 | | | |
| Interest | 4,262.33 | 683.25 | 322.29 | 338.62 | 1,050.07 |
| Sinking fund and principal payments on debentures | 3,611.23 | 432.23 | 535.33 | 286.17 | 707.20 |
| Depreciation | 2,621.00 | 268.00 | 387.00 | 274.00 | 469.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 67,968.61 | 8,335.49 | 9,859.16 | 3,816.33 | 6,699.89 |
| Net surplus | 15,979.98 | 2,757.50 | 2,062.84 | 667.62 | 957.60 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 1,222 | 228 | 288 | 82 | 192 |
| Commercial light service | 249 | 78 | 73 | 30 | 56 |
| Power service | 48 | 4 | 8 | 1 | 5 |
| Total | 1,519 | 310 | 369 | 113 | 253 |

"B"—Continued

## Hydro Municipalities for Year Ended December 31, 1935

| Havelock | Kemptville | Kingston | Lakefield | Lanark | Lancaster | Lindsay |
|---|---|---|---|---|---|---|
| 1,119 | 1,272 | 23,678 | 1,335 | 623 | 609 | 6,979 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 5,457.28 | 6,939.85 | 122,946.78 | 6,006.00 | 2,869.03 | 2,187.87 | 40,437.69 |
| 2,495.43 | 4,451.28 | 82,368.56 | 3,564.17 | 1,274.30 | 1,478.87 | 25,897.42 |
| 2,551.53 | 4,721.34 | 106,410.83 | 1,444.03 | | | 26,775.00 |
| | | 10,390.63 | | | | 3,511.80 |
| 1,533.00 | 1,830.00 | 22,231.00 | 1,852.92 | 592.00 | 1,107.00 | 7,105.16 |
| | | | | | | |
| 419.61 | 1,011.76 | 6,800.51 | 484.03 | 105.82 | 109.47 | 3,250.37 |
| 12,456.85 | 18,954.23 | 351,148.31 | 13,351.15 | 4,841.15 | 4,883.21 | 106,977.44 |
| 6,096.42 | 10,785.29 | 172,655.20 | 8,152.69 | 2,677.71 | 2,371.04 | 62,351.15 |
| | | 5,181.29 | | | | |
| | | 3,026.73 | | | | |
| 922.92 | 631.95 | 16,412.42 | 770.98 | 94.38 | 173.80 | 2,938.06 |
| | 59.43 | 847.42 | 24.44 | | | 541.21 |
| | 339.10 | 5,730.53 | 90.22 | 25.75 | 32.95 | 891.98 |
| | | 1,871.18 | | | | 480.08 |
| 123.36 | 187.31 | 3,338.75 | 285.86 | 39.48 | 43.34 | 1,631.51 |
| | 485.28 | 84.12 | | | | |
| | 1,037.90 | 6,980.09 | 546.72 | | | 2,790.75 |
| 365.09 | 512.99 | 14,297.69 | 458.86 | 368.64 | 313.70 | 5,984.43 |
| | | 8,608.78 | 98.20 | | | 1,293.50 |
| 214.02 | 284.46 | 4,252.94 | | | | 69.79 |
| 873.33 | 1,083.73 | 3,966.34 | 1,627.66 | 176.50 | 152.63 | 4,926.75 |
| 1,995.04 | 714.95 | 9,280.50 | 937.70 | 521.84 | 799.00 | 5,268.63 |
| 907.00 | 992.00 | 21,843.00 | 1,217.00 | 280.00 | 296.00 | 3,790.00 |
| | | 37,500.00 | | | | |
| 11,497.18 | 17,114.39 | 315,876.98 | 14,210.33 | 4,184.30 | 4,182.46 | 92,957.84 |
| 959.67 | 1,839.84 | 35,271.33 | | 656.85 | 700.75 | 14,019.60 |
| | | | 859.18 | | | |
| 273 | 334 | 5,758 | 317 | 157 | 86 | 1,919 |
| 58 | 78 | 892 | 69 | 36 | 33 | 341 |
| 3 | 7 | 145 | 5 | | | 73 |
| 334 | 419 | 6,795 | 391 | 193 | 119 | 2,333 |

## STATEMENT

### Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

| Municipality | Madoc | Marmora | Martintown | Maxville |
|---|---|---|---|---|
| Population | 1,088 | 984 | P.V. | 732 |
| EARNINGS | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 4,433.05 | 3,809.96 | 777.79 | 3,356.03 |
| Commercial light service | 3,521.87 | 1,741.47 | 887.03 | 2,551.39 |
| Commercial power service | 1,017.96 | 428.18 | | |
| Municipal power | | | | |
| Street lighting | 1,500.00 | 1,361.00 | 330.00 | 1,375.89 |
| Merchandise | | | | |
| Miscellaneous | 50.42 | | 7.02 | 36.40 |
| Total earnings | 10,523.30 | 7,340.61 | 2,001.84 | 7,319.71 |
| EXPENSES | | | | |
| Power purchased | 5,983.66 | 3,732.99 | 1,019.97 | 3,917.25 |
| Substation operation | | | | |
| Substation maintenance | | | | |
| Distribution system, operation and maintenance | 970.95 | 90.58 | 55.76 | 244.05 |
| Line transformer maintenance | | | | |
| Meter maintenance | 22.74 | 54.99 | 26.61 | 52.80 |
| Consumers' premises expenses | | | | |
| Street lighting, operation and maintenance | 2.50 | 97.86 | 20.00 | 44.77 |
| Promotion of business | | | | |
| Billing and collecting | | | | |
| General office, salaries and expenses | 914.80 | 512.18 | 132.48 | 296.27 |
| Undistributed expenses | | | | |
| Truck operation and maintenance | | | | |
| Interest | 24.67 | 366.83 | | 367.86 |
| Sinking fund and principal payments on debentures | 493.35 | 817.60 | | 971.01 |
| Depreciation | 400.00 | 588.00 | 144.00 | 515.00 |
| Other reserves | | | | |
| Total operating costs and fixed charges | 8,812.67 | 6,261.03 | 1,398.82 | 6,409.01 |
| Net surplus | 1,710.63 | 1,079.58 | 603.02 | 910.70 |
| Net loss | | | | |
| NUMBER OF CONSUMERS | | | | |
| Domestic service | 260 | 204 | 36 | 143 |
| Commercial light service | 98 | 49 | 22 | 47 |
| Power service | 5 | 3 | | |
| Total | 363 | 256 | 58 | 190 |

### "B"—Continued

### Hydro Municipalities for Year Ended December 31, 1935

| Napanee | Norwood | Omemee | Oshawa | Ottawa | Perth | Peterborough |
|---|---|---|---|---|---|---|
| 2,935 | 761 | 509 | 22,506 | 135,300 | 4,057 | 22,869 |
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 25,974.96 | 4,517.98 | 2,402.83 | 169,724.70 | 461,225.81 | 23,404.39 | 130,305.16 |
| 14,007.40 | 2,299.10 | 1,331.05 | 63,867.55 | 170,159.06 | 15,473.85 | 68,644.55 |
| 11,246.13 | 671.05 | 2,128.66 | 214,928.88 | 53,435.83 | 17,394.68 | 88,959.45 |
| 229.17 | ........ | ........ | 8,314.16 | 20,325.24 | 1,967.95 | 6,983.25 |
| 4,705.72 | 1,575.00 | 971.08 | 11,706.94 | 75,524.89 | 2,338.00 | 21,758.43 |
| ........ | ........ | ........ | ........ | ........ | 1,241.49 | ........ |
| 1,083.34 | 545.33 | ........ | 5,534.46 | 5,442.58 | 3,040.53 | 1,041.09 |
| 57,246.72 | 9,608.46 | 6,833.62 | 474,076.69 | 786,113.41 | 64,860.89 | 317,691.93 |
| 29,687.22 | 3,551.77 | 3,687.80 | 379,914.66 | 365,261.17 | 35,213.08 | 188,498.19 |
| ........ | ........ | ........ | ........ | 28,163.83 | 373.54 | 6,758.54 |
| ........ | ........ | ........ | ........ | 1,192.94 | ........ | 299.20 |
| 3,115.57 | 527.59 | 442.44 | 4,638.71 | 23,122.83 | 1,618.43 | 6,077.95 |
| 90.11 | ........ | 19.80 | 188.15 | 3,008.44 | 184.03 | 1,507.83 |
| 677.41 | ........ | 85.17 | 2,285.72 | 10,104.93 | 496.97 | 5,287.56 |
| 58.52 | 1.20 | ........ | 417.89 | 3,914.09 | 65.74 | 682.41 |
| 348.94 | 86.30 | 55.27 | 1,765.91 | 29,681.82 | 725.97 | 4,006.57 |
| 219.39 | ........ | ........ | 235.87 | 10,010.05 | ........ | 188.75 |
| 1,468.63 | ........ | ........ | 7,325.51 | 44,362.61 | 1,761.89 | 7,731.54 |
| 4,434.14 | 436.67 | 234.45 | 7,318.32 | 27,851.12 | 3,641.18 | 6,359.63 |
| 1,300.14 | ........ | 46.96 | 3,683.10 | 16,015.48 | 266.81 | 4,866.65 |
| 103.97 | 212.70 | ........ | ........ | 2,282.81 | 543.83 | 3,055.24 |
| 1,033.05 | 1,601.26 | 142.63 | 10,846.82 | 37,166.38 | 3,212.72 | 27,371.64 |
| 2,616.90 | 1,153.04 | 854.26 | 12,139.48 | 21,970.57 | 2,043.99 | 14,263.54 |
| 1,580.00 | 1,100.00 | 612.00 | 10,085.00 | 76,744.00 | 3,506.00 | 16,903.00 |
| ........ | ........ | ........ | ........ | ........ | 300.00 | 1,200.00 |
| 46,733.99 | 8,670.53 | 6,180.78 | 440,845.14 | 700,853.07 | 53,954.18 | 295,058.24 |
| 10,512.73 | 937.93 | 652.84 | 33,231.55 | 85,260.34 | 10,906.71 | 22,633.69 |
| ........ | ........ | ........ | ........ | ........ | ........ | ........ |
| 769 | 212 | 129 | 6,020 | 13,123 | 970 | 5,416 |
| 192 | 61 | 49 | 514 | 1,376 | 196 | 823 |
| 41 | 2 | 6 | 102 | 191 | 26 | 155 |
| 1,002 | 275 | 184 | 6,636 | 14,690 | 1,192 | 6,394 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

EASTERN ONTARIO SYSTEM—Continued

| Municipality | Picton | Port Hope | Prescott | Richmond | Russell |
|---|---|---|---|---|---|
| Population | 2,922 | 4,433 | 2,958 | 425 | P.V. |
| EARNINGS | $ c. | $ c. | $ c. | $ c. | $ c. |
| Domestic service | 22,733.04 | 29,325.31 | 16,966.78 | 1,738.00 | 2,614.88 |
| Commercial light service | 13,800.60 | 12,421.80 | 8,571.77 | 1,662.40 | 1,355.54 |
| Commercial power service | 5,976.31 | 26,416.07 | 3,750.91 | | |
| Municipal power | 1,929.27 | 1,533.47 | 1,647.75 | | |
| Street lighting | 3,738.45 | 4,631.00 | 3,475.00 | 418.32 | 752.00 |
| Merchandise | 1,020.41 | | | | |
| Miscellaneous | 1,653.33 | 311.78 | 130.43 | 7.01 | 44.43 |
| Total earnings | 50,851.41 | 74,639.43 | 34,542.64 | 3,825.73 | 4,766.85 |
| EXPENSES | | | | | |
| Power purchased | 33,619.92 | 42,112.06 | 21,793.38 | 2,548.49 | 2,577.30 |
| Substation operation | | | 1,405.15 | | |
| Substation maintenance | | | | | |
| Distribution system, operation and maintenance | 2,086.79 | 1,756.34 | 1,953.15 | 80.00 | 83.98 |
| Line transformer maintenance | 35.36 | 124.85 | | | |
| Meter maintenance | 58.76 | 1,107.40 | 439.89 | 10.25 | |
| Consumers' premises expenses | 0.62 | | 12.35 | | |
| Street lighting, operation and maintenance | 242.30 | 1,086.30 | 404.07 | 22.61 | 62.93 |
| Promotion of business | 271.45 | | | | |
| Billing and collecting | 1,252.83 | 1,579.70 | 1,100.90 | | |
| General office, salaries and expenses | 2,548.13 | 3,014.26 | 2,133.87 | 229.51 | 370.35 |
| Undistributed expenses | 251.97 | 925.92 | 473.32 | | |
| Truck operation and maintenance | 329.01 | 347.73 | | | |
| Interest | 76.72 | 727.08 | | 316.06 | 391.95 |
| Sinking fund and principal payments on debentures | | 2,953.32 | | 250.64 | 464.34 |
| Depreciation | 2,152.00 | 2,060.00 | 3,038.00 | 211.00 | 293.00 |
| Other reserves | | | | | |
| Total operating costs and fixed charges | 42,925.86 | 57,794.96 | 32,754.08 | 3,668.56 | 4,243.85 |
| Net surplus | 7,925.55 | 16,844.47 | 1,788.56 | 157.17 | 523.00 |
| Net loss | | | | | |
| NUMBER OF CONSUMERS | | | | | |
| Domestic service | 994 | 1,223 | 662 | 56 | 111 |
| Commercial light service | 200 | 201 | 163 | 25 | 34 |
| Power service | 30 | 47 | 19 | | |
| Total | 1,224 | 1,471 | 844 | 81 | 145 |

**"B"—Continued**

## Hydro Municipalities for Year Ended December 31, 1935

| Smiths Falls 7,517 | Stirling 935 | Trenton 6,241 | Tweed 1,247 | Wark-worth P.V. | Wellington 916 | Westport 704 | Whitby 3,732 |
|---|---|---|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 43,066.32 | 5,422.75 | 26,445.61 | 6,085.79 | 2,360.65 | 4,874.01 | 3,017.86 | 20,361.24 |
| 15,735.69 | 3,649.39 | 18,026.93 | 4,636.73 | 1,569.74 | 2,002.49 | 2,520.91 | 10,357.44 |
| 24,017.28 | 1,562.30 | 68,474.16 | 2,427.40 | ... | 2,015.33 | ... | 15,075.22 |
| 564.04 | 275.90 | 1,711.33 | 234.47 | ... | ... | ... | 2,387.70 |
| 7,424.00 | 1,606.00 | 8,057.25 | 1,875.00 | 605.34 | 1,014.68 | 1,219.98 | 4,010.59 |
| 129.35 | 49.15 | ... | ... | ... | ... | ... | ... |
| 3,843.98 | 319.78 | 1,770.80 | 248.24 | 144.31 | ... | 136.82 | 1,928.59 |
| 94,780.66 | 12,885.27 | 124,486.08 | 15,507.63 | 4,680.04 | 9,906.51 | 6,895.57 | 54,120.78 |
| | | | | | | | |
| 43,859.56 | 6,445.03 | 71,009.45 | 7,924.27 | 2,560.63 | 6,461.51 | 4,237.49 | 30,429.52 |
| 966.29 | 204.44 | ... | ... | ... | ... | ... | 152.81 |
| 60.25 | ... | 40.76 | ... | ... | ... | ... | ... |
| 3,581.17 | 949.60 | 2,359.78 | 845.13 | 30.10 | 848.64 | 203.94 | 2,408.27 |
| 11.79 | 17.50 | 85.42 | ... | ... | ... | 27.46 | 76.60 |
| 432.27 | 94.92 | 1,499.03 | 223.15 | 15.04 | ... | ... | 800.52 |
| ... | 5.10 | 216.78 | ... | ... | ... | ... | ... |
| 647.91 | 190.31 | 575.76 | 320.66 | 43.03 | 81.19 | 121.38 | 585.88 |
| 656.43 | ... | 66.80 | ... | ... | ... | ... | 659.48 |
| 2,856.19 | 475.82 | 2,746.54 | 627.88 | ... | ... | ... | 1,204.08 |
| 2,957.57 | 1,018.78 | 5,037.69 | 734.16 | 186.28 | 570.12 | 631.81 | 1,498.95 |
| 898.44 | 52.73 | 1,641.05 | 119.51 | ... | 49.30 | 16.63 | 257.74 |
| 396.89 | 207.40 | ... | ... | ... | ... | 36.33 | 281.10 |
| 3,381.15 | ... | 6,570.58 | 497.90 | 549.97 | 503.71 | 711.13 | 1,746.16 |
| 13,855.99 | ... | 5,888.61 | 710.30 | 249.17 | 725.93 | 505.15 | 2,454.90 |
| 6,108.00 | 913.00 | 4,021.00 | 480.00 | 218.00 | 738.00 | 220.00 | 3,075.00 |
| 250.00 | ... | ... | ... | ... | ... | ... | ... |
| 80,919.90 | 10,574.63 | 101,759.25 | 12,482.96 | 3,852.22 | 9,978.40 | 6,711.32 | 45,631.01 |
| 13,860.76 | 2,310.64 | 22,726.83 | 3,024.67 | 827.82 | ... | 184.25 | 8,489.77 |
| ... | ... | ... | ... | ... | 71.89 | ... | ... |
| | | | | | | | |
| 1,727 | 279 | 1,287 | 261 | 116 | 295 | 93 | 846 |
| 269 | 87 | 260 | 89 | 41 | 65 | 50 | 159 |
| 45 | 9 | 54 | 11 | ... | 5 | ... | 20 |
| 2,041 | 375 | 1,601 | 361 | 157 | 365 | 143 | 1,025 |

## STATEMENT

## Detailed Operating Reports of Electrical Departments of

**EASTERN ONTARIO SYSTEM—Concluded**

| Municipality<br>Population | Williamsburg<br>P.V. | Winchester<br>943 | EASTERN ONTARIO SYSTEM SUMMARY |
|---|---|---|---|
| EARNINGS | $ c. | $ c. | $ c. |
| Domestic service | 3,962.03 | 6,484.19 | 1,473,416.17 |
| Commercial light service | 7,563.38 | 3,262.38 | 716,508.47 |
| Commercial power service | 240.82 | 1,479.58 | 868,105.04 |
| Municipal power | | | 79,402.95 |
| Street lighting | 240.00 | 1,062.00 | 249,677.07 |
| Merchandise | | 69.27 | 3,098.83 |
| Miscellaneous | 285.64 | 392.29 | 56,917.60 |
| Total earnings | 12,291.87 | 12,749.71 | 3,447,126.13 |
| EXPENSES | | | |
| Power purchased | 5,758.40 | 8,173.16 | 1,964,816.35 |
| Substation operation | | | 48,375.89 |
| Substation maintenance | | | 5,310.82 |
| Distribution system, operation and maintenance | 446.97 | 339.69 | 98,484.88 |
| Line transformer maintenance | | | 7,968.25 |
| Meter maintenance | | 43.80 | 38,215.73 |
| Consumers' premises expenses | 8.99 | 6.54 | 8,107.30 |
| Street lighting, operation and maintenance | 76.15 | 128.88 | 53,376.84 |
| Promotion of business | | | 14,966.43 |
| Billing and collecting | | 480.85 | 102,142.77 |
| General office, salaries and expenses | 716.11 | 320.43 | 123,174.61 |
| Undistributed expenses | | | 46,430.81 |
| Truck operation and maintenance | | | 14,878.96 |
| Interest | | 341.70 | 128,229.34 |
| Sinking fund and principal payments on debentures | | 432.00 | 129,322.36 |
| Depreciation | 215.00 | 645.00 | 192,960.00 |
| Other reserves | 100.00 | | 43,415.00 |
| Total operating costs and fixed charges | 7,321.62 | 10,912.05 | 3,020,176.34 |
| Net surplus | 4,970.25 | 1,837.66 | 426,949.79 |
| Net loss | | | |
| NUMBER OF CONSUMERS | | | |
| Domestic service | 112 | 279 | 56,058 |
| Commercial light service | 65 | 69 | 9,122 |
| Power service | 1 | 2 | 1,325 |
| Total | 178 | 350 | 66,505 |

## "B"—Concluded

## Hydro Municipalities for Year Ended December 31, 1935

THUNDER BAY
SYSTEM

| Fort William 24,492 | Nipigon | Port Arthur 19,459 | THUNDER BAY SYSTEM SUMMARY | ALL SYSTEMS GRAND SUMMARY |
|---|---|---|---|---|
| $ c. | $ c. | $ c. | $ c. | $ c. |
| 203,134.22 | 2,817.18 | 111,528.77 | 317,480.17 | 12,145,219.89 |
| 66,386.78 | 2,319.21 | 55,810.18 | 124,516.17 | 6,458,748.57 |
| 43,901.46 | 238.62 | 698,208.88 | 742,348.96 | 10,211,968.71 |
| 23,500.26 | 657.95 | 34,255.73 | 58,413.94 | 1,821,285.82 |
| 17,439.54 | 510.00 | 18,984.96 | 36,934.50 | 1,788,760.38 |
| .......... | .......... | .......... | .......... | 21,669.98 |
| 7,439.37 | .......... | 16,394.51 | 23,833.88 | 562,285.82 |
| 361,801.63 | 6,542.96 | 935,183.03 | 1,303,527.62 | 33,009,939.17 |
| | | | | |
| 231,764.17 | 2,669.78 | 721,957.70 | 956,391.65 | 20,053,676.40 |
| 6,694.28 | .......... | 21,484.95 | 28,179.23 | 478,813.83 |
| 1,239.41 | .......... | 1,403.58 | 2,642.99 | 297,127.27 |
| 11,252.09 | 250.30 | 14,903.15 | 26,405.54 | 840,633.88 |
| 1,703.68 | 11.44 | 1,124.08 | 2,839.20 | 70,749.63 |
| 7,085.04 | 26.97 | 5,582.81 | 12,694.82 | 313,234.11 |
| 51.62 | .......... | .......... | 51.62 | 340,761.52 |
| 6,149.74 | .......... | 8,086.36 | 14,236.10 | 340,120.36 |
| .......... | .......... | 1,968.78 | 1,968.78 | 252,648.33 |
| 10,547.20 | .......... | 9,758.94 | 20,306.14 | 835,375.90 |
| 6,203.57 | 801.80 | 12,019.93 | 19,025.30 | 943,880.18 |
| 3,545.20 | .......... | 2,988.55 | 6,533.75 | 360,676.96 |
| 1,693.61 | .......... | 1,323.28 | 3,016.89 | 95,150.54 |
| 15,430.97 | 326.55 | 13,420.99 | 29,178.51 | 2,040,130.35 |
| 7,943.17 | 486.84 | 5,347.91 | 13,777.92 | 2,423,088.34 |
| 12,755.00 | 530.00 | 27,204.68 | 40,489.68 | 2,004,568.72 |
| 1,898.84 | .......... | 4,000.00 | 5,898.84 | 71,753.52 |
| 325,957.59 | 5,103.68 | 852,575.69 | 1,183,636.96 | 31,762,389.84 |
| 35,844.04 | 1,439.28 | 82,607.34 | 119,890.66 | 1,247,549.33 |
| .......... | .......... | .......... | .......... | .......... |
| | | | | |
| 5,325 | 141 | 4,345 | 9,811 | 462,048 |
| 901 | 41 | 756 | 1,698 | 72,952 |
| 103 | 2 | 93 | 198 | 12,785 |
| 6,329 | 184 | 5,194 | 11,707 | 547,785 |

## STATEMENT "C"

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | *Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|---|
| | | | | | $ c. | $ c. | $ c. |
| Acton | 1,808 | 128 | 80 c.p. | *s* | 9.00 | 1,866.90 | 1.03 |
| | | 5 | 80 c.p. | *s* | 12.00 | | |
| | | 8 | 60 watt | *m* | 4.00 | | |
| | | 60 | 100 watt | *m* | 9.00 | | |
| | | 1 | 150 watt | *m* | 12.00 | | |
| | | 4 | 300 watt | *m* | 20.00 | | |
| Agincourt | ........ | 58 | 100 watt | *m* | 13.00 | 793.00 | ** |
| Ailsa Craig | 468 | 61 | 100 watt | *m* | 10.00 | 628.00 | 1.34 |
| | | 1 | 200 watt | *m* | 18.00 | | |
| Alexandria | 1,945 | 95 | 100 watt | *m* | 17.00 | 2,665.00 | 1.37 |
| | | 42 | 200 watt | *m* | 25.00 | | |
| Alliston | 1,412 | 12 | 80 c.p. | *s* | 17.50 | 2,012.50 | 1.42 |
| | | 103 | 100 watt | *m* | 17.50 | | |
| Alvinston | 620 | 84 | 100 watt | *m* | 20.00 | 1,854.00 | 2.99 |
| | | 6 | 200 watt | *m* | 29.00 | | |
| Amherstburg | 3,044 | 82 | 100 c.p. | *s* | 15.00 | 2,351.69 | †† |
| | | 9 | 250 c.p. | *s* | 30.00 | | |
| | | 26 | 200 watt | *m* | 20.00 | | |
| | | 12 | 300 watt | *m* | 30.00 | | |
| Ancaster Twp. | ........ | 32 | 100 watt | *m* | 12.50 | 1,135.00 | ** |
| | | 49 | 150 watt | *m* | 15.00 | | |
| Apple Hill | ........ | 33 | 100 watt | *m* | 17.00 | 563.26 | ** |
| Arkona | 391 | 50 | 100 watt | *m* | 20.00 | 996.63 | 2.54 |
| Arthur | 1,034 | 92 | 100 watt | *m* | 19.00 | 1,748.00 | 1.69 |
| Athens | 562 | 40 | 100 watt | *m* | 12.00 | 1,055.00 | 1.87 |
| | | 23 | 200 watt | *m* | 25.00 | | |
| Aylmer | 1,985 | 173 | 100 watt | *m* | 10.00 | 2,367.00 | 1.20 |
| | | 24 | 300 watt | *m* | 25.00 | | |
| | | 1 | Traffic light | *m* | 40.00 | | |
| Ayr | 769 | 92 | 100 watt | *m* | 10.00 | 1,028.00 | 1.35 |
| | | 3 | 500 watt | *m* | 36.00 | | |
| Baden | ........ | 69 | 100 watt | *m* | 10.00 | 690.00 | ** |

NOTE: *The "Cost to Municipality in 1935" represents the charges billed to the municipality by the utility for street lighting service in the calendar year. This total charge differs in some cases from the total computed for the installation at the rates shown, for the following reasons:—FIRST: Certain equipment may have been in service less than twelve months. SECOND: More equipment than shown for December 31, may have been in service earlier in the year.

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c |
| Barrie | 7,725 | 468 | 150 c.p. *s* | 9.00 | 6,149.74 | 0.79 |
| | | 15 | 100 watt *m* | 17.00 | | |
| | | 3 | 200 watt *m* (6 mos.) | 15.00 | | |
| | | 48 | 200 watt *m* | 22.00 | | |
| | | 13 | 300 watt *m* | 25.00 | | |
| | | 1 | 500 watt *m* | 30.00 | | |
| Bath | 360 | 21 | 100 watt *m* | 34.00 | 714.00 | 1.98 |
| Beachville | | 47 | 100 watt *m* | 11.00 | 517.00 | ** |
| Beaverton | 932 | 105 | 100 watt *m* | 10.00 | 1,295.04 | 1.39 |
| | | 10 | 100 watt *m* (6 mos.) | 7.00 | | |
| | | 6 | 500 watt *m* | 30.00 | | |
| Beeton | 621 | 65 | 100 c.p. *s* | 15.00 | 1,185.00 | 1.91 |
| | | 14 | 100 watt *m* | 15.00 | | |
| Belle River | 742 | 78 | 100 watt *m* | 12.00 | 930.00 | 1.25 |
| Belleville | 13,899 | 555 | 100 c.p. *s* | 8.00 | 10,675.99 | 0.76 |
| | | 23 | 250 c.p. *s* | 25.00 | | |
| | | 52 | 1,000 c.p. *s* | 47.00 | | |
| | | 105 | 300 watt *m* | 30.00 | | |
| Blenheim | 1,664 | 164 | 150 c.p. *s* | 12.00 | 2,512.00 | †† |
| | | 3 | 400 c.p. *s* | 28.00 | | |
| | | 12 | 600 c.p. *s* | 37.00 | | |
| | | 1 | Traffic light | 16.00 | | |
| Bloomfield | 677 | 60 | 100 c.p. *s* | 12.00 | 720.00 | 1.06 |
| Blyth | 615 | 100 | 100 watt *m* | 13.00 | 1,300.00 | 2.11 |
| Bolton | 560 | 45 | 100 watt *m* | 13.00 | 1,113.96 | 1.98 |
| | | 23 | 200 watt *m* | 23.00 | | |
| Bothwell | 698 | 66 | 100 watt *m* | 11.00 | 1,293.00 | 1.85 |
| | | 21 | 300 watt *m* | 27.00 | | |
| Bowmanville | 3,602 | 177 | 100 c.p. *s* | 12.00 | 3,746.50 | 1.04 |
| | | 4 | 150 watt *m* | 25.00 | | |
| | | 42 | 300 watt *m* | 35.00 | | |
| Bradford | 1,002 | 60 | 150 c.p. *s* | 16.00 | 1,072.00 | 1.07 |
| | | 7 | 150 watt *m* | 16.00 | | |
| Brampton | 5,487 | 667 | 100 watt *m* | 8.00 | 5,490.50 | 1.00 |
| | | 2 | 500 watt *m* | 35.00 | | |
| Brantford | 30,691 | 149 | 1,500 c.p. *s* | 45.00 | 32,653.90 | †† |
| | | 3,413 | 100 watt *m* | 7.50 | | |
| | | 8 | 250 watt *m* | 10.00 | | |
| | | 2 | 300 watt *m* | 16.00 | | |
| | | 18 | 750 watt *m* | 37.00 | | |
| | | 4 | 750 watt *m* | 46.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

### Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Brantford Twp.. | | 375 | 100 watt *m* | 11.00 | 4,084.67 | ** |
| Brechin.... | ‡ | 26 | 100 watt *m* | 18.00 | 594.00 | ** |
| Bridgeport | | 12 | 100 watt *m* | 7.00 | 654.00 | ** |
| | | 57 | 100 watt *m* | 10.00 | | |
| Brigden | | 43 | 60 watt *m* | 11.00 | 750.50 | ** |
| | | 21 | 100 watt *m* | 14.00 | | |
| Brighton | 1,427 | 137 | 100 c.p. *s* | 16.00 | 2,191.92 | 1.53 |
| Brockville | 9,818 | 600 | 100 c.p. *s* | 10.00 | 8,634.25 | 0.87 |
| | | 13 | 300 c.p. *s* | 20.00 | | |
| | | 9 | 1 Lt. Stds. *s* | 17.00 | | |
| | | 35 | 3 Lt. Stds. *s* | 21.00 | | |
| | | 51 | 5 Lt. Stds. *s* | 24.00 | | |
| Brussels | 786 | 80 | 100 watt *m* | 12.00 | 1,286.00 | 1.63 |
| | | 18 | 200 watt *m* | 18.00 | | |
| Burford | | 67 | 100 watt *m* | 10.00 | 670.08 | ** |
| Burgessville | | 24 | 100 watt *m* | 13.00 | 312.00 | ** |
| Caledonia | 1,300 | 152 | 100 watt *m* | 9.00 | 1,704.00 | 1.31 |
| | | 20 | 100 watt *m* (bridge) | 9.50 | | |
| | | 8 | 100 watt (twp.) *m* | 13.00 | | |
| | | 2 | 300 watt *m* | 21.00 | | |
| Campbellville | | 20 | 100 watt *m* | 24.00 | 480.00 | ** |
| Cannington | 786 | 62 | 100 watt *m* | 15.00 | 1,085.75 | 1.38 |
| | | 3 | 300 watt *m* | 22.00 | | |
| | | 3 | 500 watt *m* | 32.00 | | |
| Cardinal | 1,428 | 44 | 100 watt *m* | 15.00 | 924.50 | 0.65 |
| | | 12 | 200 watt *m* | 21.00 | | |
| Carleton Place | 4,186 | 83 | 60 watt *m* | 13.00 | 4,791.42 | 1.14 |
| | | 101 | 200 watt *m* | 20.00 | | |
| | | 68 | 300 watt *m* | 25.00 | | |
| Cayuga | 668 | 80 | 100 watt *m* | 18.00 | 1,440.00 | 2.15 |
| Chatham | 16,284 | 35 | 150 c.p. *s* | 12.00 | 19,215.26 | †† |
| | | 716 | 150 c.p. *s* | 13.00 | | |
| | | 32 | 250 c.p. *s* | 16.00 | | |
| | | 37 | 600 c.p. *s* | 31.00 | | |
| | | 75 | 600 c.p. *s* | 30.00 | | |
| | | 137 | 1,000 c.p. *s* | 38.00 | | |
| | | 2 | 250 watt *m* | 24.00 | | |
| | | | Park floodlights | 357.50 | | |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

‡Includes Mara and Thorah Townships.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Chatsworth........ | 302 | 41 | 100 watt *m* | 14.00 | 574.00 | 1.90 |
| Chesley............... | 1,794 | 117 | 150 c.p. *s* | 13.00 | 1,512.33 | 0.86 |
| Chesterville........ | 970 | 86 | 100 watt *m* | 12.00 | 1,032.00 | 1.06 |
| Chippawa........... | 1,143 | 103 | 100 watt *m* | 13.00 | 1,312.62 | 1.14 |
| Clifford............... | 423 | 62 | 100 watt *m* | 14.00 | 868.00 | 2.05 |
| Clinton............... | .................. | 80<br>18 | 100 watt *m*<br>200 watt *m* | 12.00<br>18.00 | 1,286.00 | 0.69 |
| Cobden............... | 637 | 39<br>11 | 100 watt *m*<br>150 watt *m* | 35.00<br>45.00 | ‡2,015.00 | 2.92 |
| Cobourg.............. | 5,780 | 388<br>4<br>4<br>2<br>14 | 100 c.p. *s*<br>250 c.p. *s*<br>500 c.p. *s*<br>100 watt *m*<br>500 watt *m* | 12.00<br>23.00<br>47.50<br>12.00<br>47.50 | 5,617.04 | 0.97 |
| Colborne............. | 1,016 | 115<br>3 | 60 c.p. *s*<br>100 watt *m* | 12.00<br>12.00 | 1,416.00 | 1.39 |
| Coldwater........... | 608 | 52 | 100 watt *m* | 11.00 | 572.00 | 0.94 |
| Collingwood........ | 5,416 | 357 | 150 c.p. *s* | 9.00 | 3,207.00 | 0.59 |
| Comber.............. | .................. | 55 | 100 watt *m* | 12.00 | 621.00 | ** |
| Cookstown......... | .................. | 56 | 150 c.p. *s* | 15.00 | 840.00 | ** |
| Cottam............... | .................. | 32 | 100 watt *m* | 15.00 | 480.00 | ** |
| Courtright.......... | 332 | 43 | 100 watt *m* | 18.00 | 774.00 | 2.33 |
| Creemore............ | 656 | 59 | 100 watt *m* | 12.00 | 708.00 | 1.08 |
| Dashwood.......... | .................. | 41 | 100 watt *m* | 11.00 | 450.97 | †† |
| Delaware............ | .................. | 22 | 100 watt *m* | 12.00 | 264.00 | ** |
| Deseronto........... | 1,395 | 130 | 100 watt *m* | 12.00 | 1,542.00 | 1.10 |
| Dorchester.......... | .................. | 67 | 100 watt *m* | 10.00 | 650.00 | ** |
| Drayton.............. | 569 | 75 | 100 watt *m* | 11.00 | 825.00 | 1.45 |
| Dresden.............. | 1,479 | 128<br>12<br>15 | 100 c.p. *s*<br>100 watt *m*<br>50 watt *m* | 13.00<br>12.00<br>4.56 | 1,856.76 | 1.25 |
| Drumbo............. | .................. | 39<br>1 | 100 watt *m*<br>250 watt *m*<br>(6 mos.) | 13.00<br>31.00 | 522.00 | ** |
| Dublin................ | .................. | 50 | 100 watt *m* | 15.00 | 750.00 | ** |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

‡Thirteen months' revenue.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|---|
| | | | | | $ c. | $ c. | $ c. |
| Dundalk | 709 | 82 | 100 watt | *m* | 15.00 | 1,230.00 | 1.73 |
| Dundas | 4,983 | 286 | 100 watt | *m* | 12.00 | 5,508.00 | 1.10 |
| | | 12 | 200 watt | *m* | 16.00 | | |
| | | 54 | 200 watt | *m* | 32.00 | | |
| | | 6 | 200watt (orn.) | *m* | 26.00 | | |
| Dunnville | 3,746 | 247 | 150 c.p. | *s* | 11.00 | 3,958.44 | 1.05 |
| | | 27 | 1,000 c.p. | *s* | 45.00 | | |
| Durham | 1,825 | 105 | 150 c.p. | *s* | 17.00 | 1,935.00 | 1.06 |
| | | 6 | 400 c.p. | *s* | 25.00 | | |
| Dutton | 780 | 113 | 100 watt | *m* | 9.00 | 1,021.44 | 1.31 |
| East Windsor | 14,606 | 818 | 100 watt | *m* | 9.00 | 8,419.92 | †† |
| | | 74 | 150 watt | *m* | 14.00 | | |
| East York Twp. | | 1 | 60 watt | *m* | 7.80 | 19,497.90 | ** |
| | | 945 | 100 watt | *m* | 13.00 | | |
| | | 4 | 200 watt | *m* | 19.50 | | |
| | | 2 | 250 watt | *m* | 22.75 | | |
| | | 252 | 300 watt | *m* | 26.00 | | |
| | | 15 | 500 watt | *m* | 29.00 | | |
| Elmira | 2,650 | 190 | 100 watt | *m* | 9.00 | 1,834.00 | 0.61 |
| | | 8 | 200 watt | *m* | 12.00 | | |
| | | 1 | 500 watt | *m* | 28.00 | | |
| Elmvale | | 57 | 100 watt | *m* | 12.00 | 621.00 | ** |
| Elmwood | | 23 | 150 watt | *m* | 23.00 | 529.00 | ** |
| Elora | 1,133 | 82 | 100 watt | *m* | 14.00 | 1,675.16 | 1.47 |
| | | 27 | 200 watt | *m* | 20.00 | | |
| Embro | 408 | 56 | 100 watt | *m* | 12.00 | 678.00 | 1.66 |
| Erieau | 281 | 21 | 100 watt | *m* | 18.00 | 378.00 | 1.34 |
| Essex | 1,689 | 121 | 60 watt | *m* | 10.00 | 3,091.92 | 1.83 |
| | | 30 | 100 watt | *m* | 10.00 | | |
| | | 4 | 200 watt | *m* | 22.00 | | |
| | | 61 | 300 watt | *m* | 24.00 | | |
| | | 1 | 500 watt | *m* | 30.00 | | |
| Etobicoke Twp. | | 966 | 100 watt | *m* | 13.50 | 13,437.00 | ** |
| | | 22 | 100 watt | *m* | 18.00 | | |
| Exeter | 1,597 | 168 | 100 watt | *m* | 9.50 | 2,231.18 | 1.40 |
| | | 32 | 300 watt | *m* | 33.00 | | |
| | | 3 | 100 watt (Park) | *m* | 8.50 | | |
| Fergus | 2,520 | 151 | 100 watt | *m* | 14.00 | 2,773.28 | 1.10 |
| | | 41 | 150 watt | *m* | 16.50 | | |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Finch | 400 | 38 | 100 watt *m* | 15.00 | 570.00 | 1.42 |
| Flesherton | 469 | 53 | 100 watt *m* | 11.00 | 615.00 | 1.31 |
| | | 1 | 300 watt *m* | 26.00 | | |
| | | 1 | 60 watt *m* (9 mos.) | 6.00 | | |
| Fonthill | 808 | 71 | 100 watt *m* | 15.00 | 1,065.00 | 1.31 |
| Forest | 1,496 | 131 | 60 watt *m* | 7.00 | 2,321.00 | 1.55 |
| | | 123 | 100 watt *m* | 11.00 | | |
| | | | Station platform *m* | 51.00 | | |
| Fort William | 24,492 | 390 | 100 c.p. *s* | 8.00 | 17,439.54 | 0.71 |
| | | 16 | 250 c.p. *s* | 18.00 | | |
| | | 76 | 600 c.p. *s* | 28.00 | | |
| | | 249 | 1,000 c.p. *s* | 38.00 | | |
| | | 170 | 100 watt *m* | 8.00 | | |
| | | 64 | 300 watt *m* | 23.00 | | |
| Galt | 13,715 | 975 | 100 c.p. *s* | 9.00 | 20,621.00 | 1.50 |
| | | 316 | 75 watt *m* | 13.00 | | |
| | | 100 | 100 watt *m* | 12.00 | | |
| | | 18 | 150 watt *m* | 16.00 | | |
| | | 152 | 150 watt *m* | 25.00 | | |
| | | 70 | 300 watt *m* | 35.00 | | |
| Georgetown‡ | 2,203 | 174 | 100 watt *m* | 11.00 | 2,153.20 | |
| | | 1 | 300 watt *m* | 19.00 | | |
| | | 17 | 100 watt *m* | 13.00 | | |
| Glencoe | 833 | 112 | 100 watt *m* | 14.00 | 1,948.00 | 2.33 |
| | | 19 | 200 watt *m* | 20.00 | | |
| Goderich | 4,383 | 324 | 100 c.p. *s* | 9.00 | 3,809.50 | 0.86 |
| | | 3 | 100 c.p. (6 mos.) *s* | 4.50 | | |
| | | 8 | 100 watt *m* | 15.00 | | |
| | | 8 | 200 watt *m* | 25.00 | | |
| | | 16 | 3 Lt. stds. *m* | 35.00 | | |
| Grand Valley | 575 | 52 | 100 watt *m* | 17.00 | 884.00 | 1.53 |
| Granton | | 37 | 100 watt *m* | 10.00 | 370.00 | ** |
| Gravenhurst | 1,985 | 138 | 100 c.p. *s* | 10.00 | 2,142.31 | 1.08 |
| | | 20 | 150 c.p. *s* | 11.00 | | |
| | | 21 | 100 watt *m* | 10.00 | | |
| | | 16 | 300 watt *m* | 30.00 | | |
| Guelph | 20,882 | 12 | 50 watt *m* | 4.00 | 18,622.02 | 0.89 |
| | | 6 | 60 watt *m* | 4.00 | | |
| | | 1,369 | 100 watt *m* | 10.00 | | |
| | | 172 | 200 watt *m* | 12.50 | | |
| | | 35 | 300 watt *m* | 18.75 | | |
| | | 9 | 500 watt *m* | 25.00 | | |
| | | 53 | 500 watt (250v) *m* | 34.00 | | |
| | | 1 | Airport beacon *m* | 60.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

‡Includes Glen Williams

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Hagersville | 1,399 | 114 | 100 watt *m* | 14.00 | 2,026.50 | 1.45 |
| | | 20 | 300 watt *m* | 22.00 | | |
| Hamilton | 154,276 | 6 | 40 watt *m* | 4.50 | 123,956.32 | 0.80 |
| | | 96 | 50 watt *m* | 6.00 | | |
| | | 8,291 | 100 watt *m* | 7.50 | | |
| | | 1,168 | 200 watt *m* | 11.00 | | |
| | | 8 | 300 watt *m* | 18.00 | | |
| | | 28 | 300 watt *m* | 26.00 | | |
| | | 77 | 300 watt *m* | 32.00 | | |
| | | 25 | 300 watt *m* | 34.00 | | |
| | | 480 | 500 watt *m* | 32.00 | | |
| | | 592 | 500 watt *m* | 37.00 | | |
| | | 65 | 750 watt *m* | 55.00 | | |
| | | 3 | Danger signals *m* | 28.00 | | |
| | | 2 | 1200 watt stds. *m* | 70.00 | | |
| Hanover | 3,006 | 93 | 150 c.p. *s* | 22.00 | 2,893.50 | 0.92 |
| | | 16 | 250 c.p. *s* | 27.00 | | |
| | | 4 | 100 watt *m* | 22.00 | | |
| | | 13 | 200 watt *m* | 27.00 | | |
| Harriston | 1,329 | 89 | 150 c.p. *s* | 12.00 | 1,551.00 | 1.16 |
| | | 4 | 100 watt *m* | 12.00 | | |
| | | 29 | 200 watt *m* | 15.00 | | |
| Harrow | 934 | 1 | 100 watt *m* | 12.00 | 1,299.00 | 1.39 |
| | | 78 | 200 watt *m* | 16.50 | | |
| Hastings | 795 | 61 | 100 watt *m* | 18.00 | 1,275.55 | 1.60 |
| | | 6 | 200 watt *m* | 23.00 | | |
| Havelock | 1,119 | 63 | 100 watt *m* | 16.00 | 1,533.00 | 1.37 |
| | | 21 | 250 watt *m* | 25.00 | | |
| Hensall | 697 | 83 | 100 watt *m* | 12.00 | 996.00 | 1.43 |
| Hespeler | 2,853 | 91 | 150 c.p. *s* | 12.00 | 3,107.00 | 1.09 |
| | | 34 | 250 c.p. *s* | 16.00 | | |
| | | 15 | 400 c.p. stds. *s* | 30.00 | | |
| | | 51 | 150 watt *m* | 11.00 | | |
| | | 10 | 300 watt *m* | 21.50 | | |
| | | 7 | 300 watt stds. *m* | 35.00 | | |
| Highgate | 334 | 40 | 100 watt *m* | 11.00 | 567.00 | 1.70 |
| | | 6 | 200 watt *m* | 17.00 | | |
| | | 1 | 300 watt *m* | 25.00 | | |
| Holstein | ........ | 14 | 100 watt *m* | 25.00 | 350.00 | ** |
| Humberstone | 2,487 | 104 | 100 watt *m* | 12.00 | 1,367.00 | 0.55 |
| | | 7 | 200 watt *m* | 17.00 | | |
| Huntsville | 2,651 | 47 | 100 c.p. *s* | 12.00 | 2,488.05 | 0.93 |
| | | 26 | 150 c.p. *s* | 16.00 | | |
| | | 28 | 250 c.p. *s* | 20.00 | | |
| | | 68 | 75 watt *m* | 10.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Ingersoll | 4,919 | 13 | 100 c.p. *s*<br>(park 6 mos.) | 5.50 | 4,851.48 | †† |
| | | 310 | 100 c.p. *s* | 11.00 | | |
| | | 2 | 600 c.p. *s* | 28.00 | | |
| | | 2 | 1,000 c.p. *s*<br>(church) | 25.00 | | |
| | | 26 | 1,000 c.p. *s* | 35.00 | | |
| | | 11 | 300 watt *m* | 30.00 | | |
| Jarvis | 535 | 70 | 100 watt *m* | 12.00 | 840.00 | 1.57 |
| Kemptville | 1,272 | 90 | 100 watt *m* | 20.00 | 1,830.00 | 1.44 |
| | | 1 | 250 watt *m* | 30.00 | | |
| Kincardine | 2,354 | 151 | 150 c.p. *s* | 20.00 | 4,333.75 | 1.84 |
| | | 5 | 100 watt *m*<br>(docks) | 10.00 | | |
| | | 20 | 100 watt *m* | 15.00 | | |
| | | 36 | 200 watt *m* | 25.00 | | |
| | | 1 | 1,000 watt *m*<br>(9 mos.) | 85.00 | | |
| Kingston | 23,678 | 98 | 100 c.p. *s* | 12.00 | 22,231.00 | 0.94 |
| | | 267 | 600 c.p. *s* | 35.00 | | |
| | | 256 | 600 c.p. *s* | 46.00 | | |
| Kingsville | 2,354 | 112 | 150 c.p. *s* | 10.50 | 2,973.96 | †† |
| | | 25 | 250 c.p. *s* | 15.00 | | |
| | | 122 | 100 watt *m* | 10.50 | | |
| Kirkfield | .................... | 24 | 100 watt *m* | 20.00 | 480.00 | ** |
| Kitchener | 31,328 | 47 | 16 c.p. *s* | 7.00 | 32,330.30 | †† |
| | | 2,044 | 80 c.p. *s* | 9.00 | | |
| | | 83 | 250 c.p. *s* | 13.00 | | |
| | | 18 | 1,000 c.p. *s* | 25.00 | | |
| | | 202 | 100 watt *m* | 9.00 | | |
| | | 447 | 200 watt *m* | 15.00 | | |
| | | 50 | 300 watt *m* | 17.50 | | |
| | | 109 | 500 watt *m* | 25.00 | | |
| Lakefield | 1,335 | 109 | 100 watt *m* | 17.00 | 1,852.92 | 1.38 |
| Lambeth | .................... | 36 | 100 watt *m* | 12.00 | 432.00 | ** |
| Lanark | 623 | 37 | 100 watt *m* | 16.00 | 592.00 | 0.95 |
| Lancaster | 609 | 41 | 100 watt *m* | 27.00 | 1,107.00 | 1.81 |
| La Salle | 671 | 66 | Empty sockets *m* | 7.50 | 495.00 | 0.73 |
| Leamington | 5,004 | 176 | 250 c.p. *s* | 16.00 | 5,782.98 | †† |
| | | 4 | 400 c.p. *s* | 20.00 | | |
| | | 193 | 100 watt *m* | 15.00 | | |
| Lindsay | 6,979 | 416 | 100 c.p. *s* | 13.00 | 7,105.16 | 1.01 |
| | | 27 | 1,000 c.p. *s* | 65.00 | | |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Listowel | 2,755 | 162 | 60 watt *m* | 9.00 | 3,840.60 | 1.39 |
| | | 118 | 100 watt *m* | 11.00 | | |
| | | 8 | 200 watt *m* | 25.00 | | |
| | | 26 | 300 watt *m* | 30.00 | | |
| | | 3 | 500 watt *m* | 35.00 | | |
| London | 73,880 | 94 | 100 c.p. *s* | 10.00 | 54,843.84 | †† |
| | | 8 | 150 c.p. *s* | 10.00 | | |
| | | 1,936 | 150 c.p. *s* | 11.00 | | |
| | | 114 | 400 c.p. *s* | 18.00 | | |
| | | 309 | 400 c.p. *s* | 24.00 | | |
| | | 32 | 600 c.p. *s* | 28.00 | | |
| | | 277 | 600 c.p. *s* | 30.00 | | |
| | | 2 | 50 watt *m* | 5.00 | | |
| | | 53 | 100 watt *m* | 10.00 | | |
| | | 30 | 100 watt *m* | 14.00 | | |
| | | 4 | 150 watt *m* | 12.00 | | |
| | | 12 | 200 watt *m* | 9.34 | | |
| | | 27 | 200 watt *m* | 14.00 | | |
| | | 534 | 300 watt *m* | 18.00 | | |
| | | 42 | 300 watt *m* | 20.00 | | |
| | | 11 | 500 watt *m* | 25.00 | | |
| | | 47 | 500 watt *m* | 40.00 | | |
| London Twp. | .................... | 70 | 100 watt *m* | 12.00 | 856.50 | ** |
| | | 1 | 200 watt *m* | 16.50 | | |
| Long Branch | 3,776 | 270 | 100 watt *m* | 13.00 | 3,741.37 | 0.99 |
| | | 25 | Empty sockets *m* | 9.50 | | |
| Lucan | 604 | 71 | 100 watt *m* | 14.00 | 994.02 | 1.64 |
| Lucknow | 1,055 | 73 | 100 watt *m* | 21.00 | 1,531.25 | 1.45 |
| Lynden | .................... | 43 | 100 watt *m* | 10.00 | 430.00 | ** |
| Madoc | 1,088 | 382 | 25 watt *m* | 3.50 | 1,500.00 | 1.37 |
| | | 62 | 100 watt *m* | 5.50 | | |
| | | 1 | 300 watt *m* | 11.50 | | |
| Markdale | 793 | 90 | 150 c.p. *s* | 10.00 | 900.00 | 1.13 |
| Markham | 1,092 | 112 | 100 watt *m* | 12.00 | 1,344.00 | 1.23 |
| Marmora | 984 | 44 | 75 watt *m* | 14.00 | 1,361.00 | 1.38 |
| | | 24 | 100 watt *m* | 16.00 | | |
| | | 19 | 150 watt *m* | 19.00 | | |
| Martintown | .................... | 15 | 100 watt *m* | 22.00 | 330.00 | ** |
| Maxville | 732 | 65 | 100 watt *m* | 20.00 | 1,375.89 | 1.88 |
| Meaford | 2,722 | 180 | 150 c.p. *s* | 11.00 | 2,953.00 | 1.08 |
| | | 28 | 100 watt *m* | 11.00 | | |
| | | 35 | 200 watt *m* | 19.00 | | |
| Merlin | .................... | 43 | 100 watt *m* | 16.00 | 688.00 | ** |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

### Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Merritton | 2,557 | 305 | 100 watt *m* | 9.00 | 3,368.50 | 1.31 |
| | | 25 | 300 watt *m* | 25.00 | | |
| Midland | 7,250 | 328 | 150 c.p. *s* | 11.00 | 6,907.42 | 0.95 |
| | | 52 | 100 watt *m* | 11.00 | | |
| | | 80 | 100 watt (6 mos.) *m* | 7.50 | | |
| | | 8 | 300 watt (6 mos.) *m* | 12.00 | | |
| | | 30 | 300 watt *m* | 22.00 | | |
| | | 36 | 500 watt *m* | 40.00 | | |
| Mildmay | 741 | 46 | 100 watt *m* | 12.00 | 738.42 | 0.99 |
| | | 11 | 150 watt *m* | 19.00 | | |
| Milton | 1,775 | 205 | 100 watt *m* | 9.50 | 2,037.96 | 1.14 |
| | | 3 | 300 watt *m* | 30.00 | | |
| Milverton | 996 | 95 | 100 watt *m* | 9.00 | 999.00 | 1.00 |
| | | 12 | 200 watt *m* | 12.00 | | |
| Mimico | 6,733 | 330 | 100 watt *m* | 12.00 | 7,005.34 | 1.04 |
| | | 91 | 200 watt *m* | 20.00 | | |
| | | 47 | 300 watt *m* | 26.00 | | |
| Mitchell | 1,526 | 232 | 150 c.p. *s* | 9.00 | 2,088.00 | 1.36 |
| Moorefield | .................... | 25 | 100 watt *m* | 15.00 | 375.00 | ** |
| Mount Brydges | .................... | 52 | 100 watt *m* | 10.00 | 537.00 | ** |
| | | 1 | 200 watt *m* | 17.00 | | |
| Mount Forest | 1,826 | 119 | 150 c.p. *s* | 11.00 | 2,240.00 | 1.22 |
| | | 35 | 100 watt *m* | 11.00 | | |
| | | 39 | 150 watt *m* | 14.00 | | |
| Napanee | 2,935 | 152 | 100 watt *m* | 13.00 | 4,705.72 | 1.60 |
| | | 2 | 250 watt *m* | 32.00 | | |
| | | 2 | 250 watt *m* | 31.00 | | |
| | | 40 | 300 watt *m* | 38.00 | | |
| | | 5 | 300 watt stds. *m* | 27.00 | | |
| | | 21 | 400 watt (clusters) *m* | 45.00 | | |
| Neustadt | 491 | 39 | 150 c.p. *s* | 25.00 | 975.00 | 1.98 |
| Newbury | 265 | 47 | 100 watt *m* | 15.00 | 705.00 | 2.66 |
| New Hamburg | 1,449 | 165 | 100 watt *m* | 9.00 | 2,217.00 | 1.53 |
| | | 61 | 200 watt *m* | 12.00 | | |
| New Toronto | 7,861 | 221 | 75 watt *m* | 13.00 | 8,697.48 | 1.10 |
| | | 17 | 150 watt *m* | 15.50 | | |
| | | 15 | 200 watt *m* | 17.00 | | |
| | | 28 | 300 watt *m* | 21.00 | | |
| | | 14 | 300 watt *m* | 22.00 | | |
| | | 3 | 500 watt *m* | 29.00 | | |
| | | 131 | 500 watt *m* | 33.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Niagara Falls...... | 18,060 | 823 | 100 c.p. *s* | 11.00 | 27,200.85 | 1.50 |
| | | 3 | 250 c.p. *s* | 13.00 | | |
| | | 61 | 600 c.p. *s* | 18.00 | | |
| | | 233 | 600 c.p. (orn.) *s* | 37.00 | | |
| | | 197 | 1,000 c.p. (orn.) *s* | 42.00 | | |
| Niagara-on-the-Lake................ | 1,569 | 221 | 100 watt *m* | 11.00 | 2,871.74 | 1.83 |
| | | 25 | 200 watt *m* | 18.00 | | |
| Nipigon.............. | .................... | 34 | 100 watt *m* | 15.00 | 510.00 | ** |
| North York Twp................ | .................... | 81 | 100 watt *m* | 12.00 | 3,743.84 | ** |
| | | 20 | 100 watt *m* | 13.00 | | |
| | | 32 | 100 watt *m* | 13.50 | | |
| | | 11 | 100 watt *m* | 15.00 | | |
| | | 10 | 100 watt *m* | 16.50 | | |
| | | 1 | 100 watt *m* | 17.70 | | |
| | | 1 | 100 watt *m* | 18.00 | | |
| | | 1 | 200 watt *m* | 19.00 | | |
| | | 65 | 200 watt *m* | 23.00 | | |
| | | 1 | 400 watt (mercury) *m* | 43.00 | | |
| | | 1 | 400 watt (floodlight) *m* | 31.00 | | |
| | | 2 | 1,000 watt *m* | 65.00 | | |
| | | 1 | Police sign *m* | 12.00 | | |
| | | 1 | Traffic light *m* | 30.00 | | |
| Norwich.............. | 1,174 | 114 | 100 watt *m* | 10.00 | 2,120.00 | 1.80 |
| | | 28 | 400 watt *m* | 35.00 | | |
| Norwood.............. | 761 | 80 | 100 c.p. *s* | 18.00 | 1,575.00 | 2.07 |
| | | 6 | 100 c.p. *s* | 20.00 | | |
| | | 1 | 100 c.p. *s* | 27.00 | | |
| Oil Springs.......... | 463 | 41 | 100 watt *m* | 18.00 | 760.50 | 1.66 |
| | | 1 | 300 watt *m* | 30.00 | | |
| Omemee.............. | 509 | 46 | 100 c.p. *s* | 14.00 | 971.08 | 1.90 |
| | | 4 | 100 watt *m* | 12.50 | | |
| | | 10 | 250 watt *m* | 28.00 | | |
| Orangeville.......... | 2,789 | 95 | 150 c.p. *s* | 12.00 | 3,014.00 | 1.08 |
| | | 50 | 250 c.p. *s* | 18.00 | | |
| | | 38 | 300 watt *m* | 25.00 | | |
| Oshawa................ | 22,506 | 841 | 100 c.p. *s* | 11.00 | 11,706.94 | 0.52 |
| | | 1 | 1,000 c.p. *s* | 27.00 | | |
| | | 40 | 100 watt *m* | 12.00 | | |
| | | 109 | 150 watt *m* | 13.00 | | |
| | | 30 | 200 watt *m* | 18.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Ottawa................ | 135,300 | 740 | 100 c.p. *s* (Driveway) | 6.00 | 75,524.89 | 0.56 |
| | | 380 | 100 c.p. *s* | 7.00 | | |
| | | 818 | 400 c.p. *s* | 25.00 | | |
| | | 857 | 600 c.p. *s* | 35.00 | | |
| | | 59 | Arcs *s* | 45.00 | | |
| | | 2,910 | 100 watt *m* (white way) | 48c. per ft. | | |
| | | 39 | 100 watt *m* (residential) | 5½c. per ft. | | |
| Otterville............ | .................... | 54 | 100 watt *m* | 11.00 | 786.00 | ** |
| | | 12 | 200 watt *m* | 16.00 | | |
| Owen Sound........ | 12,923 | 434 | 150 c.p. *s* | 13.00 | 12,854.14 | 0.99 |
| | | 1 | 250 c.p. *s* | 13.50 | | |
| | | 335 | 400 c.p. *s* | 16.00 | | |
| | | 12 | 600 c.p. *s* | 23.00 | | |
| | | 39 | 1,000 c.p. *s* | 37.00 | | |
| Paisley.................. | 728 | 89 | 100 watt *m* | 14.00 | 1,246.00 | 1.71 |
| Palmerston.......... | 1,470 | 83 | 80 c.p. *s* | 9.00 | 1,992.93 | 1.35 |
| | | 14 | 400 c.p. *s* | 25.00 | | |
| | | 11 | 60 watt *m* | 9.00 | | |
| | | 12 | 100 watt *m* | 10.00 | | |
| | | 10 | 150 watt *m* | 10.00 | | |
| | | 9 | 250 watt *m* | 25.00 | | |
| | | 13 | 300 watt *m* | 25.00 | | |
| | | 2 | 500 watt *m* | 35.00 | | |
| Paris.................... | 4,330 | 463 | 100 c.p. *s* | 8.50 | 5,450.50 | 1.25 |
| | | 10 | 400 c.p. *s* | 28.00 | | |
| | | 25 | 500 c.p. *s* | 35.00 | | |
| | | 2 | 60 watt *m* | 7.00 | | |
| | | 2 | 100 watt *m* | 9.00 | | |
| | | 8 | 500 watt *m* | 35.00 | | |
| Parkhill................ | 1,023 | 80 | 100 watt *m* | 14.00 | 1,437.00 | 1.40 |
| | | 15 | 200 watt *m* | 23.00 | | |
| Penetanguishene | 4,352 | 187 | 150 c.p. *s* | 11.00 | 2,182.00 | 0.50 |
| | | 3 | 200 watt *m* | 15.00 | | |
| | | 4 | 300 watt *m* | 20.00 | | |
| Perth.................... | 4,057 | 73 | 100 c.p. *s* | 17.00 | 2,338.00 | 0.57 |
| | | 12 | 250 c.p. *s* | 27.00 | | |
| | | 7 | 400 c.p. *s* | 30.00 | | |
| | | 13 | 600 c.p. *s* | 45.00 | | |
| Peterboro............ | 22,869 | 193 | 60 watt *m* | 12.00 | 21,758.43 | 0.95 |
| | | 365 | 100 watt *m* | 13.00 | | |
| | | 554 | 300 watt *m* | 20.00 | | |
| | | 81 | 300 watt *m* | 45.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

## STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Petrolia | 2,664 | 145 | 150 c.p. *s* | 12.00 | 2,652.00 | 0.99 |
| | | 24 | 600 c.p. *s* | 38.00 | | |
| Picton | 2,922 | 225 | 100 c.p. *s* | 10.00 | 3,738.45 | 1.28 |
| | | 85 | 250 c.p. *s* | 17.00 | | |
| Plattsville | ............ | 34 | 100 watt *m* | 12.00 | 408.00 | ** |
| Point Edward | 1,222 | 100 | 150 c.p. *s* | 13.00 | 1,599.96 | 1.30 |
| | | 15 | 250 c.p. *s* | 20.00 | | |
| Port Arthur | 19,459 | 2,709 | 100 watt *m* | 5.00 | 18,984.96 | 0.97 |
| | | 232 | 300 watt *m* | 10.00 | | |
| | | 208 | 500 watt *m* | 15.00 | | |
| Port Colborne | 5,680 | 15 | 400 c.p. *s* | 23.00 | 7,905.94 | †† |
| | | 78 | 600 c.p. *s* | 25.00 | | |
| | | 232 | 100 watt *m* | 12.00 | | |
| | | 34 | 100 watt *m* | 14.00 | | |
| | | 127 | 200 watt *m* | 18.00 | | |
| Port Credit | 1,670 | 273 | 100 watt *m* | 10.00 | 2,730.00 | 1.63 |
| Port Dalhousie | 1,410 | 129 | 100 watt *m* | 12.50 | 1,636.25 | 1.16 |
| | | 2 | 200 watt *m* | 15.00 | | |
| Port Dover | 1,692 | 200 | 100 watt *m* | 11.00 | 2,930.00 | 1.14 |
| | | 15 | 300 watt *m* | 20.00 | | |
| | | 30 | 100 watt (summer) *m* | 7.00 | | |
| | | 4 | 300 watt (summer) *m* | 10.00 | | |
| | | 9 | Decorative stgs *m* | 20.00 | | |
| Port Elgin | 1,301 | 104 | 100 watt *m* | 14.00 | 2,283.06 | 1.75 |
| | | 54 | 100 watt (4 mos.) *m* | 14.00 | | |
| | | 2 | 100 watt (1 mos.) *m* | 14.00 | | |
| | | 26 | 200 watt *m* | 22.00 | | |
| Port Hope | 4,433 | 386 | 100 c.p. *s* | 12.00 | 4,631.00 | 1.04 |
| Port McNicoll | 935 | 50 | 100 watt *m* | 12.00 | 1,000.00 | 1.07 |
| | | 20 | 200 watt *m* | 20.00 | | |
| Port Perry | 1,146 | 98 | 100 watt *m* | 15.00 | 1,477.50 | 1.29 |
| Port Rowan | ............ | 48 | 100 watt *m* | 24.00 | 1,242.00 | 1.92 |
| | | 5 | 100 watt (9 mos.) *m* | 18.00 | | |
| Port Stanley | 759 | 211 | 100 watt *m* | 11.00 | 2,306.30 | 3.02 |
| Prescott | 2,958 | 169 | 100 watt *m* | 10.00 | 3,475.00 | 1.17 |
| | | 105 | 200 watt *m* | 17.00 | | |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Preston | 6,274 | 347 | 150 c.p. s | 10.00 | 5,012.00 | 0.80 |
| | | 9 | 250 watt m | 18.00 | | |
| | | 40 | 500 watt m | 30.00 | | |
| | | 6 | 5 Lt. standards m | 30.00 | | |
| Priceville | | 14 | 100 watt m | 40.00 | 560.00 | ** |
| Princeton | | 37 | 100 watt m | 13.00 | 481.00 | ** |
| Queenston | | 19 | 100 watt m | 16.00 | 304.42 | ** |
| Richmond | 425 | 26 | 100 watt m | 16.00 | 418.32 | 0.98 |
| Richmond Hill | 1,236 | 99 | 75 watt m | 11.00 | 1,389.00 | 1.12 |
| | | 17 | 100 watt m | 12.00 | | |
| | | 6 | 200 watt m | 16.00 | | |
| Ridgetown | 2,016 | 187 | 150 c.p. s | 9.00 | 3,136.59 | †† |
| | | 1 | 1,000 c.p. s | 40.00 | | |
| | | 74 | 100 watt m | 9.00 | | |
| | | 2 | 200 watt m | 18.00 | | |
| | | 2 | 250 watt m | 20.00 | | |
| | | 19 | 500 watt m | 36.00 | | |
| Ripley | 450 | 43 | 100 watt m | 20.00 | 1,070.00 | 2.38 |
| | | 6 | 200 watt m | 35.00 | | |
| Riverside | 4,875 | 132 | 75 watt m | 12.00 | 2,827.54 | 0.58 |
| | | 36 | 150 watt m | 16.00 | | |
| Rockwood | | 86 | 100 watt m | 9.00 | 765.75 | ** |
| Rodney | 729 | 74 | 100 watt m | 10.00 | 991.98 | 1.36 |
| | | 14 | 200 watt m | 18.00 | | |
| Rosseau | 300 | 35 | 100 watt m | 35.40 | 1,239.00 | 4.13 |
| Russell | | 47 | 100 watt m | 16.00 | 752.00 | ** |
| St. Catharines | 26,394 | 2,271 | 100 watt m | 8.00 | 21,270.55 | †† |
| | | 19 | 100 watt m | 10.00 | | |
| | | 149 | 200 watt m | 11.00 | | |
| | | 71 | 200 watt m | 18.00 | | |
| | | 106 | 300 watt m | 26.00 | | |
| | | 13 | 500 watt m | 20.00 | | |
| | | 1 | 1,000 watt m | 40.00 | | |
| | | 17 | 300 watt m (bridge lights) | 14.11 per month | | |
| St. George | | 39 | 100 watt m | 9.50 | 370.50 | ** |
| St. Jacobs | | 46 | 100 watt m | 10.00 | 460.00 | ** |
| St. Marys | 4,038 | 229 | 100 c.p. s | 10.00 | 4,692.66 | 1.16 |
| | | 106 | 250 c.p. s | 14.00 | | |
| | | 19 | 150 watt m | 12.00 | | |
| | | 32 | 300 watt m | 22.00 | | |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| St. Thomas........ | 16,066 | 1,078 | 100 c.p. s | 9.00 | 14,698.00 | †† |
| | | 27 | 250 c.p. s | 13.00 | | |
| | | 1 | 600 c.p. s | 32.00 | | |
| | | 114 | 600 c.p. s | 34.00 | | |
| | | 6 | 60 watt m | 4.50 | | |
| | | 29 | 100 watt m | 5.00 | | |
| | | 3 | 200 watt m | 30.00 | | |
| | | 22 | 300 watt m | 22.00 | | |
| | | 17 | 600 watt m | 51.00 | | |
| Sandwich............ | 10,682 | 291 | 100 c.p. s | 12.00 | 8,436.35 | †† |
| | | 318 | 100 c.p. s | 13.00 | | |
| | | 14 | 250 c.p. s | 21.00 | | |
| | | 40 | 400 c.p. s | 26.00 | | |
| | | 13 | 400 c.p. s | 28.00 | | |
| | | 10 | 100 watt m | 12.00 | | |
| | | 31 | 100 watt m | 13.00 | | |
| | | 208 | Empty sockets | 5.50 | | |
| | | 1 | " " | 10.50 | | |
| | | 4 | " " | 12.50 | | |
| | | 15 | " " | 13.00 | | |
| Sarnia.................. | 17,645 | 1,026 | 150 c.p. s | 12.00 | 18,652.98 | †† |
| | | 56 | 250 c.p. s | 16.50 | | |
| | | 66 | 400 c.p. s | 22.00 | | |
| | | 79 | 600 c.p. s | 35.00 | | |
| | | 13 | 600 c.p. s | 45.00 | | |
| | | 3 | 100 watt m | 12.00 | | |
| | | 8 | 150 watt m | 16.50 | | |
| | | 14 | 300 watt m | 32.00 | | |
| Scarboro Twp.... | | 214 | 100 c.p. s | 12.00 | 14,396.96 | ** |
| | | 10 | 100 c.p. (empty) s | 9.00 | | |
| | | 2 | 250 c.p. s | 17.00 | | |
| | | 19 | 40 watt m | 12.00 | | |
| | | 2 | 60 watt m | 18.00 | | |
| | | 418 | 100 watt m | 12.00 | | |
| | | 25 | 100 w. (empty) m | 9.00 | | |
| | | 7 | 200 watt m | 17.00 | | |
| | | 10 | 200 watt m | 21.00 | | |
| | | 154 | 300 watt m | 24.00 | | |
| | | 153 | 300 w. (empty) m | 14.50 | | |
| Seaforth.............. | 1,697 | 123 | 100 c.p. s | 11.00 | 1,853.00 | 1.09 |
| | | 20 | 300 watt m | 25.00 | | |
| Shelburne........... | 1,166 | 96 | 150 c.p. s | 11.00 | 1,056.00 | 0.90 |
| Simcoe................ | 5,317 | 274 | 100 c.p. s | 11.00 | 4,539.00 | †† |
| | | 27 | 1,000 c.p. s | 40.00 | | |
| | | 7 | 150 watt m | 11.00 | | |
| | | 8 | 200 watt m | 15.00 | | |
| | | 6 | 200 watt m | 24.00 | | |
| | | 2 | 500 watt m | 53.00 | | |
| | | 1 | 1,000 watt m | 60.00 | | |

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## STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|
| | | | | $ c. | $ c. | $ c. |
| Smiths Falls........ | 7,517 | 18 | 50 watt *m* | 9.50 | 7,424.00 | 0.98 |
| | | 105 | 100 watt *m* | 18.00 | | |
| | | 1 | 200 watt *m* | 25.00 | | |
| | | 171 | 300 watt *m* | 25.00 | | |
| | | 85 | Empty sockets *m* | 13.00 | | |
| Southampton...... | 1,355 | 115 | 100 watt *m* | 13.00 | 2,301.58 | 1.70 |
| | | 32 | 250 watt *m* | 21.00 | | |
| | | 39 | 60 watt *m* (3 mos.) | 12.00 | | |
| | | 1 | decorative stg. *m* | 36.00 | | |
| Springfield.......... | 380 | 51 | 100 watt *m* | 11.00 | 561.00 | 1.47 |
| Stamford Twp... | .................... | 864 | 100 watt *m* | 9.00 | 7,734.75 | ** |
| Stayner................ | 900 | 76 | 150 c.p. *s* | 14.00 | 1,424.00 | 1.58 |
| | | 18 | 200 watt *m* | 20.00 | | |
| Stirling................ | 935 | 73 | 150 c.p. *s* | 12.00 | 1,606.00 | 1.71 |
| | | 16 | 150 watt *m* | 12.00 | | |
| | | 2 | 300 watt *m* | 26.00 | | |
| | | 15 | 500 watt *m* | 33.00 | | |
| Stouffville............ | 1,169 | 126 | 100 watt *m* | 13.00 | 1,638.00 | 1.40 |
| Stratford.............. | 17,456 | 870 | 100 c.p. *s* | 10.00 | 16,507.96 | 0.94 |
| | | 74 | 600 c.p. *s* | 25.00 | | |
| | | 116 | 600 c.p. *s* | 30.00 | | |
| | | 6 | 600 c.p. *s* | 35.00 | | |
| | | 63 | 1,000 c.p. *s* | 34.00 | | |
| | | 4 | 100 watt *m* | 10.00 | | |
| | | 4 | 500 watt *m* | 34.00 | | |
| Strathroy............ | 2,875 | 298 | 100 c.p. *s* | 9.00 | 4,050.96 | 1.40 |
| | | 21 | 250 c.p. *s* | 15.00 | | |
| | | 34 | 300 watt *m* | 31.00 | | |
| Streetsville.......... | 671 | 48 | 100 watt *m* | 9.50 | 935.50 | 1.39 |
| | | 28 | 200 watt *m* | 11.50 | | |
| | | 13 | 300 watt *m* | 16.50 | | |
| Sunderland.......... | .................... | 29 | 100 watt *m* | 20.00 | 720.00 | ** |
| | | 4 | 500 watt *m* | 35.00 | | |
| Sutton.................. | 812 | 120 | 100 watt *m* | 13.00 | 1,966.00 | 2.42 |
| | | 17 | 200 watt *m* | 17.00 | | |
| | | 18 | decorative stgs. *m* (3 mos.) | 13.00 | | |
| Tara..................... | 509 | 55 | 100 watt *m* | 16.00 | 1,096.00 | 2.15 |
| | | 12 | 150 watt *m* | 18.00 | | |
| Tavistock............ | 1,033 | 82 | 100 watt *m* | 10.00 | 1,263.66 | 1.22 |
| | | 39 | 200 watt *m* | 12.00 | | |
| Tecumseh............ | 2,526 | 17 | 400 c.p. *s* | 24.00 | 1,140.00 | †† |
| | | 60 | 100 watt *m* | 14.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Continued

Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|---|
| | | | | | $ c. | $ c. | $ c. |
| Teeswater | 796 | 38 | 150 c.p. | *s* | 17.00 | 1,286.00 | 1.61 |
| | | 20 | 300 c.p. | *s* | 32.00 | | |
| Thamesford | | 47 | 100 watt | *m* | 11.00 | 517.00 | ** |
| Thamesville | 710 | 638 | 100 watt | *m* | 9.00 | 1,200.00 | 1.69 |
| | | 33 | 200 watt | *m* | 14.00 | | |
| | | 7 | 200 watt | *m* | 18.00 | | |
| Thedford | 575 | 69 | 100 watt | *m* | 15.00 | 1,035.00 | 1.80 |
| Thorndale | | 32 | 100 watt | *m* | 12.00 | 384.00 | ** |
| Thornton | | 22 | 100 watt | *m* | 40.00 | 880.00 | ** |
| Thorold | 4,954 | 378 | 75 watt | *m* | 7.50 | 3,301.00 | 0.66 |
| | | 2 | 100 watt | *m* | 8.00 | | |
| | | 35 | 200 watt | *m* | 12.00 | | |
| | | 2 | 300 watt | *m* | 15.00 | | |
| Tilbury | 1,937 | 102 | 100 watt | *m* | 11.00 | 1,604.04 | 0.83 |
| | | 25 | 200 watt | *m* | 19.00 | | |
| Tillsonburg | 3,453 | 266 | 100 c.p. | *s* | 8.50 | 4,386.38 | 1.27 |
| | | 1 | 250 c.p. | *s* | 13.00 | | |
| | | 8 | 300 watt | *m* | 32.00 | | |
| | | 44 | 500 watt | *m* | 42.00 | | |
| | | 1 | Traffic light | *m* | 18.36 | | |
| Toronto | 623,562 | 46,592 | 100 watt | *m* | 8.00–10.00 | 537,402.34 | 0.86 |
| | | 3,300 | 200 watt | *m* | 18.00–23.00 | | |
| | | 67 | 250 watt | *m* | 20.00 | | |
| | | 1,413 | 300 watt | *m* | 28.00 | | |
| | | 166 | 500 watt | *m* | 45.00 | | |
| | | 5 | 1,000 watt | *m* | 90.00 | | |
| | | 339 | 5-lt. stds. 100 w. | *m* | 47.50 | | |
| | | 93 | 1-lt. stds. 500 w. | *m* | 47.50 | | |
| | | 391 | 1-lt. stds. 300 w. | *m* | 50.00 | | |
| | | 75 | 1-lt. stds. 500 w. | *m* | 52.50 | | |
| Toronto Twp. | | 413 | 100 watt | *m* | 12.00 | 4,987.20 | ** |
| | | 1 | Traffic light | *m* | 43.20 | | |
| Tottenham | 514 | 49 | 150 c.p. | *s* | 25.00 | 1,225.08 | 2.38 |
| Trenton | 6,241 | 48 | 600 c.p. | *s* | 75.00 | 8,057.25 | 1.29 |
| | | 309 | 100 watt | *m* | 14.00 | | |
| | | 2 | 500 watt | *m* | 75.00 | | |
| Tweed | 1,247 | 125 | 100 c.p. | *s* | 15.00 | 1,875.00 | 1.50 |
| Uxbridge | 1,514 | 128 | 100 watt | *m* | 14.00 | 1,970.70 | 1.30 |
| | | 5 | 100 watt (5 mos.) | *m* | 10.00 | | |
| | | 1 | 200 watt (5 mos.) | *m* | 14.00 | | |
| | | 1 | 200 watt | *m* | 18.00 | | |
| | | 2 | 300 watt | *m* | 22.00 | | |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

## STATEMENT "C"—Continued

**Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.**

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|---|
| | | | | | $ c. | $ c. | $ c. |
| Victoria Harbour | 1,164 | 78 | 100 watt | m | 9.00 | 702.00 | 0.60 |
| Walkerton | 2,461 | 116 | 150 c.p. | s | 14.00 | 2,562.59 | 1.04 |
| | | 38 | 250 c.p. | s | 24.50 | | |
| | | 1 | 50 watt | m | 6.00 | | |
| Walkerville | 9,968 | 56 | 400 c.p. | s | 36.00 | 12,302.04 | †† |
| | | 810 | 100 watt | m | 8.00 | | |
| | | 112 | 150 watt | m | 11.00 | | |
| | | 198 | 200 watt | m | 13.00 | | |
| Wallaceburg | 4,630 | 188 | 150 c.p. | s | 12.00 | 4,170.00 | 0.90 |
| | | 12 | 400 c.p. | s | 22.00 | | |
| | | 50 | 300 watt | m | 33.00 | | |
| Wardsville | 247 | 36 | 75–100 watt | m | 20.00 | 720.00 | 2.91 |
| Warkworth | ........ | 36 | 100 watt | m | 16.00 | 605.34 | ** |
| | | 2 | 200 watt | m | 28.00 | | |
| Waterdown | 932 | 72 | 100 watt | m | 11.00 | 932.00 | 1.00 |
| | | 8 | 200 watt | m | 17.50 | | |
| Waterford | 1,202 | 157 | 100 watt | m | 8.00 | 1,512.00 | 1.25 |
| | | 9 | 200 watt | m | 15.00 | | |
| | | 2 | 500 watt | m | 25.00 | | |
| | | 4 | 100 watt (twp.) | m | 12.00 | | |
| Waterloo | 8,746 | 347 | 80 c.p. | s | 8.00 | 7,558.54 | 0.86 |
| | | 120 | 100 c.p. | s | 10.00 | | |
| | | 93 | 150 watt | m | 10.00 | | |
| | | 5 | 200 watt | m | 12.00 | | |
| | | 18 | 300 watt | m | 21.00 | | |
| | | 3 | 500 watt | m | 30.00 | | |
| | | 9 | 500 watt | m | 35.00 | | |
| | | 10 | 3-lt. stds. | m | 25.00 | | |
| | | 44 | 5-lt. stds. | m | 36.00 | | |
| Watford | 916 | 90 | 100 watt | m | 12.50 | 1,344.96 | 1.46 |
| | | 11 | 200 watt | m | 20.00 | | |
| Waubaushene | ........ | 46 | 100 watt | m | 9.00 | 448.70 | ** |
| | | 7 | 100 watt (6 mos.) | m | 5.00 | | |
| Welland | 10,585 | 177 | 600 c.p. | s | 30.00 | 10,893.20 | †† |
| | | 14 | 600 c.p. (Park, 3 mos.) | s | 30.00 | | |
| | | 424 | 100 watt | m | 11.00 | | |
| | | 30 | 200 watt | m | 18.00 | | |
| | | 4 | 500 watt | m | 28.00 | | |
| | | 6 | 300 watt | m | 30.00 | | |
| | | 6 | Empty sockets | m | 18.00 | | |
| Wellesley | ........ | 60 | 100 watt | m | 12.00 | 720.00 | ** |
| Wellington | 916 | 79 | 100 c.p. | s | 12.00 | 1,014.68 | 1.11 |

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**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "C"—Concluded

### Street Lighting Installation in Hydro Municipalities, December 31, 1935; showing Rate per Lamp, Cost to Municipality in 1935, and Cost per Capita.

| Municipality | Population | Number of lamps | Size and style of lamps | | Rate per lamp per annum | Cost to municipality in 1935 | Cost per capita |
|---|---|---|---|---|---|---|---|
| | | | | | $ c. | $ c. | $ c. |
| West Lorne | 747 | 83 | 100 watt | *m* | 10.00 | 1,010.00 | 1.35 |
| | | 10 | 200 watt | *m* | 18.00 | | |
| Weston | 4,958 | 419 | 100 c.p. | *s* | 7.50 | 7,176.25 | 1.44 |
| | | 15 | 100 c.p. | *s* | 9.50 | | |
| | | 111 | 600 c.p. | *s* | 30.00 | | |
| | | 2 | Signs | *s* | 110.00 | | |
| | | 20 | 300 watt | *m* | 11.00 | | |
| | | 5 | 5-lt. stds. | *m* | 21.00 | | |
| Westport | 704 | 2 | 50 watt | *m* | 15.00 | 1,219.98 | 1.73 |
| | | 60 | 100 watt | *m* | 20.00 | | |
| Wheatley | 743 | 64 | 100 watt | *m* | 12.00 | 1,349.25 | 1.81 |
| | | 40 | 150 watt | *m* | 15.00 | | |
| Whitby | 3,732 | 123 | 80 c.p. | *s* | 11.00 | 4,010.59 | 1.07 |
| | | 72 | 100 c.p. | *s* | 12.00 | | |
| | | 165 | 100 watt | *m* | 9.50 | | |
| | | 3 | 500 watt | *m* | 15.00 | | |
| Wiarton | 1,782 | 100 | 100 watt | *m* | 16.00 | 2,300.00 | 1.29 |
| | | 25 | 200 watt | *m* | 28.00 | | |
| Williamsburg | | 16 | 100 watt | *m* | 15.00 | 240.00 | ** |
| Winchester | 943 | 118 | 100 watt | *m* | 9.00 | 1,062.00 | 1.12 |
| Windermere | 127 | 13 | 100 watt | *m* | 35.00 | 455.00 | 3.58 |
| Windsor | 62,216 | 2,005 | 100 c.p. | *s* | 11.50 | 76,420.41 | †† |
| | | 8 | 250 c.p. | *s* | 17.50 | | |
| | | 585 | 400 c.p. | *s* | 27.50 | | |
| | | 484 | 600 c.p. | *s* | 36.00 | | |
| | | 886 | Empty sockets | | 4.00 | | |
| | | 3 | " " | | 7.00 | | |
| | | 399 | " " | | 10.00 | | |
| | | 321 | " " | | 14.50 | | |
| Wingham | 2,024 | 102 | 150 c.p. | *s* | 17.00 | 3,384.00 | 1.67 |
| | | 25 | 250 c.p. | *s* | 30.00 | | |
| | | 30 | 200 watt | *m* | 30.00 | | |
| Woodbridge | 742 | 91 | 100 watt | *m* | 10.00 | 900.84 | 1.21 |
| Woodstock | 10,968 | 553 | 100 c.p. | *s* | 8.00 | 8,135.34 | 0.74 |
| | | 12 | 250 c.p. | *s* | 20.00 | | |
| | | 98 | 100 watt | *m* | 8.00 | | |
| | | 22 | 150 watt | *m* | 12.00 | | |
| | | 1 | 250 watt | *m* | 12.00 | | |
| | | 98 | 300 watt | *m* | 32.00 | | |
| Woodville | 442 | 33 | 100 watt | *m* | 12.00 | 581.00 | 1.31 |
| | | 2 | 200 watt | *m* | 20.00 | | |
| | | 5 | 500 watt | *m* | 38.00 | | |
| Wyoming | 492 | 51 | 100 watt | *m* | 15.00 | 765.00 | 1.55 |
| Zurich | | 63 | 100 watt | *m* | 11.00 | 693.00 | ** |

**Population not shown in Government statistics. *s* Series system. *m* Multiple system.

††Certain additional street lighting costs for special service are paid direct in form of debenture charges.

## STATEMENT "D"

(pages 396 to 413)

Statistics Relating to the Supply of Electrical Energy to Consumers
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1935

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## STATEMENT "E"

(pages 414 to 429)

Cost of Power to Municipalities and Rates to Consumers for
Domestic Service—Commercial Light Service—Power Service
in Ontario Urban Municipalities Served by
The Hydro-Electric Power Commission
for the year 1935

## STATEMENT "D"

### Statistics Relating to the Supply of Electrical Energy to Consumers in Urban Municipalities Served by The Hydro-Electric Power Commission

Regarding the results of Hydro operation from the standpoint of the consumers, the following tabulation gives much useful and interesting information. For each main class of service in each urban municipal utility receiving power at cost from the Commission, Statement "D" lists the revenue, the consumption and the number of consumers, together with unit average costs and consumptions and other pertinent data.

The policy and practice of the Commission has been, and is, to make as widespread and beneficial a distribution of electrical energy as possible, and to extend to every community that can economically be reached by transmission lines, the benefit of electrical service. Even where, in certain localities, by reason of the distance from a source of supply or on account of the small quantity of power required by the municipality, the cost per horsepower to the municipality —and, consequently, the cost of service to the consumer—must unavoidably be higher than in more favourably situated communities, service has not been withheld when the consumers were able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of Statement "D," respecting the average cost to the consumer. It will be observed that the total amount of the energy sold in municipalities where circumstances necessitate rates which result in the higher average costs to the consumer is relatively insignificant. With respect to power service, it should be noted that the statistics of Statement "D," and of the diagram, cover mainly retail power service supplied to the smaller industrial consumers. The average amount of power taken by the industrial consumers served by the municipalities is about 40 horsepower. The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

It should be kept in mind that the revenues reported in Statement "D," and used for purposes of calculating the net unit costs to the consumer, are the total revenues contributed by the consumers, and include, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the consumers.

It should also be noted that average costs per kilowatt-hour or per horsepower if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average costs per kilowatt-hour, as given in Statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to consumers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the consumers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of consumers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.

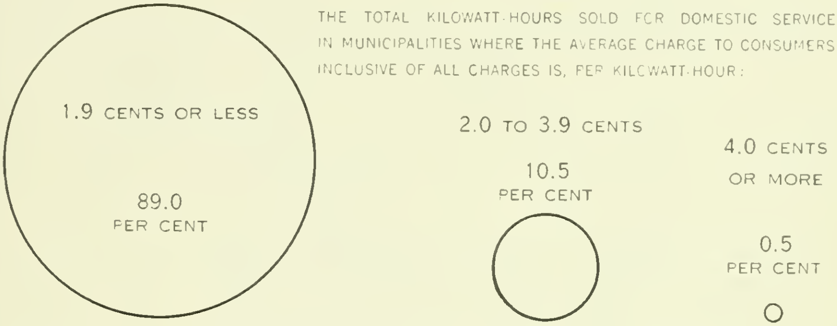
# COST OF ELECTRICAL SERVICE

IN MUNICIPALITIES SERVED BY

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

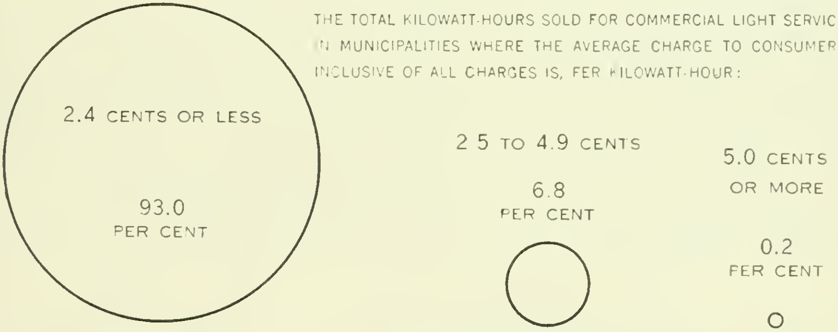
## DOMESTIC SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



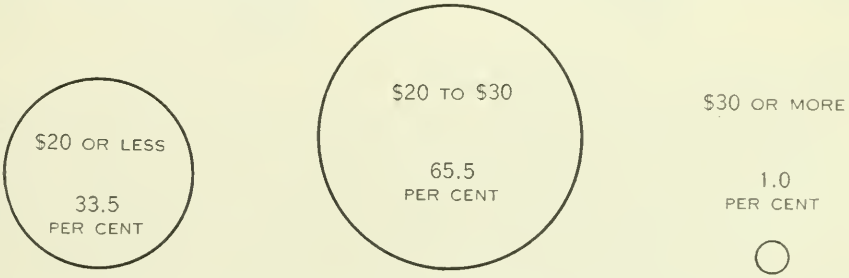
## COMMERCIAL LIGHT SERVICE

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



## POWER SERVICE SUPPLIED BY MUNICIPALITIES

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE AGGREGATE HORSEPOWER SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CONSUMERS INCLUSIVE OF ALL CHARGES IS, PER HORSEPOWER PER YEAR.



With respect to domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the consumer varies by as much as 100 per cent. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water heaters and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

In the case of power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a consumer—that is, the demand as measured in horsepower—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which, in conjunction with the power, determines the energy consumption, as measured in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per horsepower to the consumer will vary in accordance with the consumers' average number of hours' use of the power per month. A greater average energy consumption per horsepower increases the average cost per horsepower and decreases the average cost per kilowatt-hour, to the consumer, and *vice versa.**

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*In view of the fact that the data of Statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service, and of all kinds of rate schedules, are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

*In one community rates for each class of service, and the cost to every consumer in each class for any given service and consumtpion, may be substantially higher than in another community, and yet there may be in the former community, a lower "average revenue per kilowatt-hour."*

EXAMPLE.—Assume sales of electrical energy by two electric utilities, A and B, in each case 10,000,000 kilowatt-hours.

| Class of service | CASE A Higher rates and lower revenues per kilowatt-hour | | | CASE B Lower rates and higher revenues per kilowatt-hour | | |
|---|---|---|---|---|---|---|
| | Energy sales | Rate per kw-hr. | Revenue | Energy sales | Rate per kw-hr. | Revenue |
| | kw-hr. | cents | $ | kw-hr. | cents | $ |
| Residence | 1,000,000 | 4 | 40,000 | 3,000,000 | 3 | 90,000 |
| Power | 9,000,000 | 1 | 90,000 | 7,000,000 | 0.75 | 52,500 |
| Total | 10,000,000 | ........... | 130,000 | 10,000,000 | ........... | 142,500 |
| Average revenue | 1.3 cents per kw-hr. | | | 1.425 cents per kw-hr. | | |

It will be observed that in Case A *the rates* both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power consumers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light consumers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the derived statistics of Statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to consumers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical consumers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to consumers therefore the actual *rate schedules* of Statement "E" should be employed, and not statistics of average revenues per kilowatt-hour, as these are valueless for rate comparisons—and particularly so when all classifications of service are combined.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as set forth in Statement "E," or on the derived statistics resulting from the rates and other factors as presented in Statement "D"—full account should be taken respectively, of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments from which service is received, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the consumers.

In Statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) towns of 2,000 to 10,000 population; or (iii) small towns (under 2,000 population), villages, and suburban areas in townships (which are comparable in respect of conditions of supply to the smaller towns and villages). The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the map at the end of the Report and the diagrams of stations in Section II.

A feature of the electrical service in Ontario municipalities served by The Hydro-Electric Power Commission is the strikingly large average annual consumption per domestic consumer. There are in all more than 200 Ontario municipalities where the average annual consumption per domestic consumer is in excess of 600 kilowatt-hours. Of the 84 cities and towns with populations of 2,000 or more—in which over 85 per cent of the domestic consumers of the undertaking are served—no less than 62 have an average annual consumption per domestic consumer in excess of 1,000 kilowatt-hours; of these, 27 have an average annual consumption per domestic consumer in excess of 1,500 kilowatt-hours, and 11 have an average annual consumption per domestic consumer in excess of 2,000 kilowatt-hours.

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; the rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 1 cent and 1.25 cents (less 10 per cent.) are in common use, and as a rule even where the higher initial rates per kilowatt-hour obtain, it is only necessary for the domestic consumer to reach a monthly charge of from $2.00 to $3.00 to obtain the benefit of a follow-up rate of 1.8 cents net. The cost of electric cooking is thus within reach of most of the domestic consumers in Ontario. Electric water heating is also encouraged by low flat rates for continuous heaters and by installation of equipment without capital cost to the consumer.

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group I—CITIES

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw. hr. | | kw.-hr. | $ c. | cts. |
| Belleville | E.O. | 13,899 | 80,272.20 | 5,731,426 | 3,122 | 153 | 2.14 | 1.4 |
| Brantford | Nia. | 30,691 | 184,323.47 | 12,124,092 | 7,524 | 134 | 2.04 | 1.5 |
| Chatham | Nia. | 16,284 | 83,669.83 | 4,516,960 | 3,774 | 100 | 1.84 | 1.9 |
| East Windsor | Nia. | 14,606 | 75,423.80 | 3,805,170 | 2,995 | 106 | 2.01 | 1.9 |
| Fort William | T.B. | 24,492 | 203,134.22 | 25,237,237 | 5,325 | 395 | 3.18 | 0.8 |
| Galt | Nia. | 13,715 | 93,965.69 | 5,282,496 | 3,626 | 121 | 2.16 | 1.8 |
| Guelph | Nia. | 20,882 | 112,426.09 | 7,336,957 | 5,101 | 120 | 1.84 | 1.5 |
| Hamilton | Nia. | 154,276 | 945,673.01 | 62,378,233 | 37,590 | 138 | 2.07 | 1.5 |
| Kingston | E.O. | 23,678 | 122,946.78 | 9,007,584 | 5,758 | 130 | 1.78 | 1.4 |
| Kitchener | Nia. | 31,328 | 202,185.59 | 13,305,758 | 7,240 | 153 | 2.33 | 1.5 |
| London | Nia. | 73,880 | 540,809.37 | 43,102,507 | 16,902 | 213 | 2.66 | 1.2 |
| Niagara Falls | Nia. | 18,060 | 149,339.63 | 10,941,143 | 4,545 | 200 | 2.80 | 1.4 |
| Oshawa | E.O. | 22,506 | 169,724.70 | 7,494,009 | 6,020 | 104 | 2.35 | 2.3 |
| Ottawa | E.O. | 135,300 | 461,225.81 | 51,339,679 | 13,123 | 326 | 2.93 | 0.9 |
| Owen Sound | G.B. | 12,923 | 64,074.25 | 3,394,259 | 3,218 | 88 | 1.66 | 1.9 |
| Peterborough | E.O. | 22,869 | 130,305.16 | 8,164,026 | 5,416 | 126 | 2.00 | 1.6 |
| Port Arthur | T.B. | 19,459 | 111,528.77 | 9,376,616 | 4,345 | 180 | 2.14 | 1.2 |
| St. Catharines | Nia. | 26,394 | 143,885.37 | 11,012,869 | 6,449 | 140 | 1.82 | 1.3 |
| St. Thomas | Nia. | 16,066 | 115,087.08 | 9,384,168 | 4,089 | 191 | 2.35 | 1.2 |
| Sarnia | Nia. | 17,645 | 108,536.83 | 5,433,426 | 4,576 | 99 | 1.98 | 2.0 |
| Stratford | Nia. | 17,456 | 149,041.81 | 8,707,333 | 4,305 | 169 | 2.89 | 1.7 |
| Toronto | Nia. | 623,562 | 4,057,295.12 | 302,848,895 | 155,749 | 162 | 2.17 | 1.3 |
| Toronto D.C. and 60 cycle† | ........ | ........ | 24,048.22 | 808,880 | 505 | 133 | 3.97 | 3.0 |
| Welland | Nia. | 10,585 | 52,924.14 | 3,014,051 | 2,392 | 105 | 1.83 | 1.7 |
| Windsor | Nia. | 62,216 | 527,192.45 | 30,402,619 | 15,357 | 165 | 2.85 | 1.7 |
| Woodstock | Nia. | 10,968 | 73,740.96 | 5,312,140 | 2,970 | 149 | 2.07 | 1.4 |

†This,—with the exception of a relatively small D.C. power load,—is a special service not created by The Hydro-Electric Power Commission but acquired through the purchase of a privately owned company. It does not include Street Railway power.

### Group II—TOWNS

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | $ c. | kw.-hr. | | kw-hr. | $ c. | cts. |
| Amherstburg | Nia. | 3,044 | 19,282.75 | 1,145,749 | 613 | 156 | 2.62 | 1.7 |
| Barrie | G.B. | 7,725 | 54,615.09 | 2,882,234 | 1,970 | 122 | 2.31 | 1.9 |
| Bowmanville | E.O. | 3,602 | 27,941.73 | 1,056,215 | 1,062 | 83 | 2.19 | 2.6 |
| Brampton | Nia. | 5,487 | 38,041.69 | 2,750,643 | 1,389 | 165 | 2.28 | 1.4 |
| Brockville | E.O. | 9,818 | 46,447.40 | 3,015,293 | 2,608 | 96 | 1.48 | 1.5 |
| Carleton Place | E.O. | 4,186 | 18,216.76 | 726,493 | 959 | 63 | 1.58 | 2.5 |
| Cobourg | E.O. | 5,780 | 30,738.03 | 1,129,684 | 1,222 | 77 | 2.10 | 2.7 |
| Collingwood | G.B. | 5,416 | 25,359.80 | 1,313,022 | 1,304 | 84 | 1.62 | 1.9 |
| Dundas | Nia. | 4,983 | 21,079.70 | 1,188,390 | 1,195 | 83 | 1.49 | 1.8 |
| Dunnville | Nia. | 3,746 | 13,408.42 | 614,888 | 826 | 62 | 1.36 | 2.2 |
| Elmira | Nia. | 2,650 | 16,079.24 | 751,186 | 509 | 123 | 2.63 | 2.1 |
| Fergus | Nia. | 2,520 | 16,574.72 | 803,820 | 639 | 105 | 2.16 | 2.1 |
| Georgetown | Nia. | 2,203 | 14,844.88 | 853,734 | 680 | 105 | 1.82 | 1.7 |

"D"

**in Ontario Municipalities Served by the Commission and for Power Service during the Year 1935**

**Population, 10,000 or more**

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 52,456.15 | 2,589,426 | 629 | 343 | 6.95 | 2.0 | 44,801.23 | 94 | 2,368.8 | 3,845 |
| 67,862.22 | 6,143,749 | 1,139 | 449 | 4.96 | 1.1 | *136,154.80 | 140 | 6,690.5 | 8,803 |
| 69,360.25 | 3,666,953 | 733 | 417 | 7.90 | 1.9 | 58,861.07 | 106 | 2,769.0 | 4,613 |
| 20,050.03 | 961,570 | 274 | 292 | 5.84 | 2.0 | 46,697.24 | 32 | 1,966.6 | 3,301 |
| 66,386.78 | 3,148,035 | 901 | 291 | 6.14 | 2.1 | 67,401.72 | 103 | 3,229.0 | 6,329 |
| 41,721.12 | 2,117,709 | 489 | 361 | 7.11 | 2.0 | 93,768.94 | 112 | 4,730.0 | 4,227 |
| 54,545.35 | 3,504,679 | 789 | 370 | 5.76 | 1.6 | 126,047.74 | 136 | 7,128.2 | 6,026 |
| 388,008.63 | 28,847,631 | 5,039 | 477 | 6.20 | 1.3 | 1,768,426.81 | 1,270 | 104,951.5 | 43,899 |
| 82,368.56 | 4,963,660 | 892 | 464 | 7.70 | 1.7 | 116,801.46 | 145 | 5,552.0 | 6,795 |
| 102,880.42 | 6,138,893 | 1,006 | 508 | 8.52 | 1.6 | 247,613.69 | 264 | 12,365.7 | 8,510 |
| 203,250.80 | 14,416,174 | 2,759 | 435 | 6.14 | 1.4 | 402,925.07 | 468 | 19,607.0 | 20,129 |
| 57,096.90 | 4,551,945 | 673 | 564 | 7.33 | 1.3 | 81,473.36 | 87 | 4,291.6 | 5,305 |
| 63,867.55 | 2,436,219 | 514 | 395 | 10.35 | 2.6 | 223,243.04 | 102 | 9,938.7 | 6,636 |
| 170,159.06 | 10,357,667 | 1,376 | 627 | 10.31 | 1.6 | 73,761.07 | 191 | 4,628.0 | 14,690 |
| 37,534.08 | 1,921,462 | 560 | 286 | 5.59 | 2.0 | 40,144.54 | 108 | 2,401.8 | 3,886 |
| 68,644.55 | 3,477,992 | 823 | 352 | 6.95 | 2.0 | 95,942.70 | 155 | 4,551.6 | 6,394 |
| 55,810.18 | 3,878,091 | 756 | 428 | 6.15 | 1.4 | 732,464.61 | 93 | 35,191.3 | 5,194 |
| 52,272.49 | 3,673,923 | 715 | 428 | 5.99 | 1.4 | 112,239.90 | 143 | 7,160.9 | 7,307 |
| 50,320.47 | 3,357,263 | 629 | 445 | 6.66 | 1.5 | 57,588.83 | 78 | 3,297.0 | 4,796 |
| 48,037.26 | 2,663,432 | 626 | 354 | 6.39 | 1.8 | 165,182.99 | 84 | 5,773.0 | 5,286 |
| 53,473.27 | 2,834,665 | 620 | 381 | 7.19 | 1.9 | 62,904.00 | 128 | 2,706.5 | 5,053 |
| 2,983,033.10 | 133,315,390 | 24,020 | 462 | 10.35 | 2.2 | 3,431,064.28 | 4,339 | 143,745.0 | 184,108 |
| 102,237.14 | 2,522,090 | 801 | 262 | 10.64 | 4.0 | 401,935.16 | 806 | 14,464.0 | 2,112 |
| 29,324.15 | 1,798,153 | 434 | 345 | 5.62 | 1.6 | 74,949.09 | 82 | 3,616.4 | 2,908 |
| 245,042.86 | 14,123,318 | 2,265 | 520 | 9.00 | 1.7 | 200,663.32 | 307 | 9,021.9 | 17,929 |
| 38,256.63 | 2,389,260 | 457 | 436 | 6.97 | 1.6 | 57,816.06 | 89 | 3,568.0 | 3,516 |

NOTE.—The above group of 25 cities utilizes about 80 per cent of the power distributed by the Commission to Ontario municipalities.

*Includes only 25-cycle data.

**of Population 2,000 or more**

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 6,533.15 | 281,478 | 114 | 206 | 4.78 | 2.3 | 5,113.06 | 15 | 215.2 | 742 |
| 31,710.76 | 1,486,833 | 387 | 320 | 6.83 | 2.1 | 18,012.16 | 45 | 1,004.3 | 2,402 |
| 9,683.90 | 277,173 | 175 | 132 | 4.61 | 3.5 | 50,991.09 | 29 | 1,717.0 | 1,266 |
| 16,341.54 | 918,679 | 237 | 323 | 5.75 | 1.8 | 19,101.57 | 50 | 1,143.3 | 1,676 |
| 24,038.95 | 1,498,818 | 438 | 285 | 4.57 | 1.6 | 34,630.20 | 69 | 1,825.6 | 3,115 |
| 8,762.53 | 335,500 | 190 | 147 | 3.84 | 2.6 | 26,265.35 | 20 | 1,118.9 | 1,169 |
| 18,615.48 | 635,737 | 249 | 213 | 6.23 | 2.9 | 27,594.19 | 48 | 1,256.4 | 1,519 |
| 9,810.95 | 428,222 | 200 | 178 | 4.09 | 2.3 | 17,693.73 | 55 | 1,080.5 | 1,559 |
| 10,709.72 | 595,710 | 166 | 299 | 5.38 | 1.8 | 20,718.71 | 37 | 1,269.5 | 1,398 |
| 11,880.45 | 601,292 | 208 | 240 | 4.56 | 1.9 | 15,013.45 | 32 | 828.0 | 1,066 |
| 6,397.95 | 230,520 | 114 | 169 | 4.68 | 2.8 | 5,956.04 | 20 | 321.2 | 643 |
| 6,860.23 | 206,651 | 115 | 150 | 4.97 | 3.3 | 15,260.03 | 14 | 561.5 | 769 |
| 5,832.22 | 242,981 | 134 | 151 | 3.63 | 2.4 | 22,965.57 | 27 | 1,001.6 | 841 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group II—TOWNS

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Goderich | Nia. | 4,383 | 30,719.64 | 1,376,076 | 1,175 | 98 | 2.18 | 2.2 |
| Hanover | G.B. | 3,006 | 18,862.65 | 812,353 | 717 | 94 | 2.19 | 2.3 |
| Hespeler | Nia. | 2,853 | 16,339.05 | 682,863 | 706 | 81 | 1.93 | 2.4 |
| Humberstone | Nia. | 2,487 | 9,196.49 | 373,452 | 531 | 58 | 1.45 | 2.5 |
| Huntsville | G.B. | 2,651 | 12,333.09 | 679,809 | 594 | 95 | 1.73 | 1.8 |
| Ingersoll | Nia. | 4,919 | 31,689.82 | 1,845,819 | 1,338 | 115 | 1.97 | 1.7 |
| Kincardine | G.B. | 2,354 | 14,875.13 | 449,613 | 647 | 58 | 1.92 | 3.3 |
| Kingsville | Nia. | 2,354 | 14,040.44 | 649,496 | 708 | 76 | 1.65 | 2.2 |
| Leamington | Nia. | 5,004 | 29,290.23 | 1,586,053 | 1,346 | 98 | 1.81 | 1.8 |
| Lindsay | E.O. | 6,979 | 40,437.69 | 1,741,406 | 1,919 | 76 | 1.76 | 2.3 |
| Listowel | Nia. | 2,755 | 17,163.89 | 861,925 | 736 | 97 | 1.95 | 2.0 |
| Long Branch | Nia. | 3,776 | 25,334.02 | 1,254,755 | 1,155 | 91 | 1.83 | 2.0 |
| Meaford | G.B. | 2,722 | 11,710.28 | 443,952 | 668 | 55 | 1.46 | 2.6 |
| Merritton | Nia. | 2,557 | 12,238.94 | 780,656 | 640 | 101 | 1.61 | 1.6 |
| Midland | G.B. | 7,250 | 35,265.48 | 2,241,618 | 1,610 | 116 | 1.83 | 1.6 |
| Mimico | Nia. | 6,733 | 58,291.99 | 3,618,807 | 1,768 | 171 | 2.75 | 1.6 |
| Napanee | E.O. | 2,935 | 25,974.96 | 1,192,026 | 769 | 129 | 2.81 | 2.2 |
| New Toronto | Nia. | 7,861 | 35,982.94 | 2,307,129 | 1,516 | 127 | 1.98 | 1.6 |
| Orangeville | G.B. | 2,789 | 14,926.62 | 591,420 | 676 | 73 | 1.84 | 2.5 |
| Paris | Nia. | 4,330 | 23,387.18 | 1,451,652 | 1,055 | 115 | 1.85 | 1.6 |
| Penetanguishene | G.B. | 4,352 | 12,168.72 | 516,846 | 583 | 74 | 1.74 | 2.4 |
| Perth | E.O. | 4,057 | 23,404.39 | 1,275,831 | 970 | 110 | 2.01 | 1.8 |
| Petrolia | Nia. | 2,664 | 11,988.51 | 499,332 | 710 | 58 | 1.47 | 2.4 |
| Picton | E.O. | 2,922 | 22,733.04 | 1,149,202 | 994 | 96 | 1.91 | 2.0 |
| Port Colborne | Nia. | 5,680 | 29,956.60 | 1,364,380 | 1,322 | 85 | 1.87 | 2.2 |
| Port Hope | E.O. | 4,433 | 29,325.31 | 1,102,595 | 1,223 | 75 | 2.00 | 2.7 |
| Prescott | E.O. | 2,958 | 16,966.78 | 1,119,496 | 662 | 141 | 2.14 | 1.5 |
| Preston | Nia. | 6,274 | 36,995.45 | 2,001,629 | 1,461 | 114 | 2.11 | 1.8 |
| Ridgetown | Nia. | 2,016 | 9,460.79 | 452,367 | 558 | 68 | 1.41 | 2.1 |
| Riverside | Nia. | 4,875 | 37,351.98 | 1,702,609 | 1,147 | 123 | 2.70 | 2.2 |
| St. Marys | Nia. | 4,038 | 29,527.11 | 1,292,175 | 1,000 | 108 | 2.46 | 2.3 |
| Sandwich | Nia. | 10,682 | 88,166.01 | 5,046,634 | 2,557 | 164 | 2.79 | 1.7 |
| Simcoe | Nia. | 5,317 | 22,784.27 | 1,177,310 | 1,244 | 80 | 1.54 | 1.9 |
| Smiths Falls | E.O. | 7,517 | 43,066.32 | 1,998,222 | 1,727 | 96 | 2.08 | 2.2 |
| Strathroy | Nia. | 2,875 | 20,525.08 | 1,101,221 | 806 | 114 | 2.12 | 1.9 |
| Tecumseh | Nia. | 2,526 | 14,134.00 | 436,330 | 520 | 70 | 2.26 | 3.2 |
| Thorold | Nia. | 4,954 | 19,391.31 | 1,070,249 | 1,094 | 81 | 1.46 | 1.8 |
| Tillsonburg | Nia. | 3,453 | 15,575.05 | 768,532 | 917 | 70 | 1.42 | 2.0 |
| Trenton | E.O. | 6,241 | 26,445.61 | 1,325,699 | 1,287 | 86 | 1.71 | 2.0 |
| Walkerton | G.B. | 2,370 | 13,963.27 | 583,683 | 535 | 91 | 2.17 | 2.4 |
| Walkerville | Nia. | 9,968 | 107,948.59 | 6,951,393 | 2,650 | 218 | 3.38 | 1.5 |
| Wallaceburg | Nia. | 4,630 | 19,288.38 | 848,243 | 1,057 | 67 | 1.52 | 2.3 |
| Waterloo | Nia. | 8,746 | 62,320.54 | 4,219,138 | 1,882 | 187 | 2.76 | 1.5 |
| Weston | Nia. | 4,958 | 43,507.45 | 3,567,566 | 1,275 | 233 | 2.84 | 1.2 |
| Whitby | E.O. | 3,732 | 20,361.24 | 1,135,012 | 846 | 112 | 2.01 | 1.8 |
| Wingham | G.B. | 2,024 | 12,541.18 | 442,762 | 532 | 69 | 1.96 | 2.8 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the Year 1935 of Population, 2,000 or more

| Commercial Light service | | | | | | Power service | | | |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horsepower | Total number of consumers |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 14,206.25 | 474,771 | 223 | 173 | 5.17 | 3.0 | 15,402.75 | 21 | 660.4 | 1,419 |
| 6,989.16 | 280,717 | 125 | 187 | 4.66 | 2.5 | 18,967.79 | 21 | 701.9 | 863 |
| 5,548.43 | 236,749 | 109 | 181 | 4.24 | 2.3 | 43,477.54 | 26 | 1,793.0 | 841 |
| 3,351.72 | 200,036 | 62 | 268 | 4.29 | 1.6 | 3,449.76 | 5 | 106.2 | 598 |
| 9,349.64 | 469,034 | 131 | 298 | 5.95 | 2.0 | 13,701.27 | 14 | 809.0 | 749 |
| 15,302.93 | 862,543 | 242 | 297 | 5.27 | 1.8 | 28,744.24 | 43 | 1,503.0 | 1,623 |
| 7,315.97 | 215,549 | 117 | 154 | 5.21 | 3.4 | 11,823.95 | 19 | 498.0 | 783 |
| 5,904.22 | 237,179 | 171 | 116 | 2.88 | 2.5 | 4,468.99 | 13 | 177.5 | 892 |
| 14,775.60 | 744,569 | 244 | 254 | 5.05 | 2.0 | 18,551.29 | 28 | 830.0 | 1,618 |
| 25,897.42 | 925,605 | 341 | 226 | 6.33 | 2.8 | 30,286.80 | 73 | 1,552.3 | 2,333 |
| 8,524.24 | 389,854 | 150 | 217 | 4.75 | 2.2 | 14,050.18 | 21 | 576.9 | 907 |
| 5,905.63 | 312,512 | 111 | 235 | 4.43 | 1.9 | 2,278.92 | 5 | 108.3 | 1,271 |
| 6,401.35 | 238,803 | 142 | 140 | 3.76 | 2.7 | 7,050.18 | 18 | 382.2 | 828 |
| 2,519.76 | 130,101 | 65 | 167 | 3.17 | 1.9 | 77,480.33 | 9 | 3,495.0 | 714 |
| 14,536.03 | 821,243 | 222 | 308 | 5.46 | 1.8 | 52,729.12 | 59 | 3,047.0 | 1,891 |
| 10,732.40 | 525,017 | 137 | 319 | 6.53 | 2.0 | 10,740.14 | 20 | 381.9 | 1,925 |
| 14,007.40 | 458,827 | 192 | 199 | 6.08 | 3.1 | 11,475.30 | 41 | 514.6 | 1,002 |
| 14,241.59 | 925,382 | 181 | 426 | 6.56 | 1.5 | 130,236.31 | 37 | 5,528.9 | 1,734 |
| 9,718.65 | 354,085 | 159 | 186 | 5.09 | 2.7 | 7,160.02 | 26 | 400.3 | 861 |
| 8,048.43 | 425,055 | 180 | 197 | 3.73 | 1.9 | 13,469.07 | 23 | 729.2 | 1,258 |
| 5,374.37 | 166,950 | 101 | 138 | 4.43 | 3.2 | 14,367.60 | 26 | 578.2 | 710 |
| 15,473.85 | 731,381 | 196 | 311 | 6.58 | 2.1 | 19,362.63 | 26 | 893.9 | 1,192 |
| 6,264.06 | 243,242 | 165 | 122 | 3.16 | 2.6 | 23,005.59 | 58 | 703.0 | 933 |
| 13,800.60 | 626,164 | 200 | 261 | 5.75 | 2.2 | 7,905.58 | 30 | 418.6 | 1,224 |
| 13,547.19 | 722,235 | 239 | 252 | 4.78 | 1.9 | 13,668.25 | 21 | 545.1 | 1,582 |
| 12,421.80 | 418,765 | 201 | 174 | 5.15 | 3.0 | 27,949.54 | 47 | 1,118.4 | 1,471 |
| 8,571.77 | 460,193 | 163 | 235 | 4.38 | 1.9 | 5,398.66 | 19 | 324.7 | 844 |
| 16,755.64 | 746,914 | 226 | 275 | 6.18 | 2.2 | 38,132.67 | 50 | 2,135.4 | 1,737 |
| 5,175.80 | 235,583 | 144 | 136 | 3.00 | 2.2 | 4,398.01 | 20 | 231.6 | 722 |
| 4,273.96 | 159,609 | 47 | 282 | 7.61 | 2.7 | 7,273.87 | 6 | 246.4 | 1,200 |
| 11,821.51 | 448,082 | 179 | 209 | 5.50 | 2.6 | 17,674.49 | 34 | 673.7 | 1,213 |
| 16,379.17 | 843,115 | 206 | 341 | 6.62 | 1.9 | 13,428.61 | 28 | 686.0 | 2,791 |
| 25,782.43 | 1,465,313 | 321 | 380 | 6.69 | 1.7 | 27,573.00 | 35 | 1,058.0 | 1,600 |
| 15,735.69 | 642,349 | 269 | 199 | 4.87 | 2.4 | 24,581.32 | 45 | 944.9 | 2,041 |
| 10,237.98 | 447,537 | 169 | 221 | 5.04 | 2.3 | 14,097.60 | 26 | 681.0 | 1,001 |
| 3,913.54 | 134,219 | 47 | 238 | 6.94 | 2.9 | 1,667.67 | 3 | 78.9 | 570 |
| 6,902.28 | 399,244 | 166 | 200 | 3.46 | 1.7 | 35,931.73 | 16 | 1,844.2 | 1,276 |
| 13,083.77 | 669,437 | 213 | 261 | 5.12 | 2.0 | 11,224.90 | 31 | 563.5 | 1,161 |
| 18,026.93 | 687,639 | 260 | 220 | 5.78 | 2.6 | 70,185.49 | 54 | 2,520.5 | 1,601 |
| 8,298.32 | 297,368 | 135 | 184 | 5.12 | 2.8 | 4,622.06 | 17 | 181.0 | 687 |
| 31,004.81 | 1,483,654 | 309 | 400 | 8.36 | 2.1 | 175,568.06 | 89 | 7,690.9 | 3,048 |
| 10,711.55 | 468,799 | 257 | 152 | 3.47 | 2.3 | 54,621.74 | 28 | 1,740.0 | 1,342 |
| 22,227.51 | 1,102,617 | 250 | 368 | 7.41 | 2.0 | 30,061.90 | 75 | 1,879.4 | 2,207 |
| 10,009.82 | 577,103 | 181 | 266 | 4.61 | 1.7 | 37,186.15 | 26 | 1,721.3 | 1,482 |
| 10,357.44 | 441,230 | 159 | 231 | 5.43 | 2.3 | 17,462.92 | 20 | 622.5 | 1,025 |
| 7,205.62 | 217,680 | 147 | 123 | 4.08 | 3.3 | 9,553.09 | 24 | 333.9 | 703 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

NOTE—The power used in the smaller places and rural districts is, and possibly must always be, a relatively small proportion of the power distributed by the Commission. Thus, the power used by the small municipalities in the following group, which includes small towns, villages and certain suburban areas in townships, is less than 10 per cent of the power distributed by the Commission to Ontario municipalities. This relatively small proportion of the total power,

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Acton | Nia. | 1,808 | 10,548.87 | 591,030 | 488 | 101 | 1.80 | 1.8 |
| Agincourt | Nia. | P.V. | 4,748.24 | 206,287 | 147 | 117 | 2.69 | 2.3 |
| Ailsa Craig | Nia. | 468 | 2,620.29 | 81,927 | 131 | 52 | 1.67 | 3.2 |
| Alexandria | E.O. | 1,945 | 7,117.80 | 149,696 | 309 | 40 | 1.92 | 4.8 |
| Alliston | G.B. | 1,412 | 8,537.48 | 247,670 | 347 | 59 | 2.05 | 3.4 |
| Alvinston | Nia. | 620 | 4,169.53 | 59,356 | 157 | 31 | 2.21 | 7.0 |
| Ancaster Twp | Nia. | ........ | 9,131.31 | 465,685 | 277 | 140 | 2.76 | 1.9 |
| Apple Hill | E.O. | P.V. | 1,136.79 | 18,398 | 45 | 34 | 2.10 | 6.2 |
| Arkona | Nia. | 391 | 2,797.13 | 47,050 | 100 | 39 | 2.33 | 5.9 |
| Arthur | G.B. | 1,034 | 4,772.93 | 96,406 | 194 | 41 | 2.05 | 5.0 |
| Athens | E.O. | 562 | 3,118.48 | 70,110 | 145 | 40 | 1.79 | 4.4 |
| Aylmer | Nia. | 1,985 | 10,313.74 | 543,580 | 650 | 70 | 1.32 | 1.9 |
| Ayr | Nia. | 769 | 5,147.56 | 237,704 | 203 | 98 | 2.11 | 2.2 |
| Baden | Nia. | P.V. | 3,953.20 | 200,508 | 137 | 122 | 2.40 | 2.0 |
| Bath | E.O. | 360 | 1,333.85 | 28,206 | 32 | 73 | 3.47 | 4.7 |
| Beachville | Nia. | P.V. | 2,925.29 | 119,311 | 135 | 73 | 1.81 | 2.5 |
| Beaverton | G.B. | 932 | 6,377.18 | 283,147 | 315 | 74 | 1.67 | 2.3 |
| Beeton | G.B. | 621 | 3,705.27 | 70,936 | 128 | 46 | 2.41 | 5.2 |
| Belle River | Nia. | 742 | 3,465.42 | 114,790 | 212 | 45 | 1.36 | 3.0 |
| Blenheim | Nia. | 1,664 | 8,856.50 | 369,210 | 504 | 61 | 1.46 | 2.4 |
| Bloomfield | E.O. | 677 | 3,220.96 | 87,376 | 154 | 47 | 1.74 | 3.7 |
| Blyth | Nia. | 615 | 3,602.73 | 90,243 | 165 | 46 | 1.82 | 4.0 |
| Bolton | Nia. | 560 | 3,750.97 | 138,055 | 158 | 73 | 1.97 | 2.7 |
| Bothwell | Nia. | 698 | 2,839.53 | 106,090 | 172 | 51 | 1.38 | 2.7 |
| Bradford | G.B. | 1,002 | 5,971.21 | 168,597 | 222 | 63 | 2.24 | 3.5 |
| Brantford Twp | Nia. | ........ | 19,967.05 | 945,315 | 831 | 95 | 2.00 | 2.1 |
| Brechin | G.B. | P.V. | 959.75 | 20,960 | 40 | 44 | 2.00 | 4.6 |
| Bridgeport | Nia. | P.V. | 3,910.43 | 148,192 | 129 | 96 | 2.53 | 2.6 |
| Brigden | Nia. | P.V. | 2,197.19 | 49,866 | 110 | 39 | 1.71 | 4.6 |
| Brighton | E.O. | 1,427 | 9,981.05 | 209,330 | 486 | 36 | 1.71 | 4.8 |
| Brussels | Nia. | 786 | 5,053.77 | 115,316 | 218 | 44 | 1.93 | 4.4 |
| Burford | Nia. | P.V. | 3,999.13 | 174,548 | 186 | 78 | 1.79 | 2.3 |
| Burgessville | Nia. | P.V. | 1,105.35 | 32,031 | 51 | 52 | 1.81 | 3.5 |
| Caledonia | Nia. | 1,300 | 5,394.64 | 209,296 | 355 | 49 | 1.27 | 2.6 |
| Campbellville | Nia. | P.V. | 1,375.59 | 29,198 | 44 | 55 | 2.61 | 4.7 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1935

### VILLAGES AND SUBURBAN AREAS

however, exerts upon the economic life of the Province a most beneficial influence. It should further be appreciated that about 35 per cent of these municipalities obtain their power, not from Niagara, but from relatively small water-power developments throughout the Province. The net cost per kilowatt-hour given in the table is the cost inclusive of all charges. Consult also introduction to Statement "D," page 396.

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 4,333.27 | 213,307 | 87 | 204 | 4.15 | 2.0 | 25,316.58 | 16 | 922.6 | 591 |
| 1,173.81 | 36,289 | 27 | 112 | 3.62 | 3.2 | 1,511.26 | 3 | 63.7 | 177 |
| 1,430.57 | 38,208 | 38 | 84 | 3.14 | 3.7 | 1,105.05 | 2 | 41.4 | 171 |
| 4,489.93 | 91,789 | 109 | 70 | 3.43 | 4.9 | 5,731.16 | 15 | 192.4 | 433 |
| 4,797.50 | 126,449 | 103 | 102 | 3.88 | 3.8 | 3,042.32 | 13 | 142.9 | 463 |
| 2,499.23 | 47,970 | 49 | 81 | 4.25 | 5.2 | 625.61 | 2 | 23.5 | 208 |
| 1,700.52 | 78,171 | 39 | 167 | 3.67 | 2.2 | 699.39 | 5 | 33.5 | 321 |
| 857.65 | 17,944 | 22 | 68 | 3.25 | 4.8 | 304.70 | 1 | 10.1 | 68 |
| 1,730.80 | 35,328 | 35 | 84 | 4.12 | 4.9 | 173.72 | 2 | 5.0 | 137 |
| 3,837.63 | 73,322 | 84 | 73 | 3.81 | 5.2 | 1,893.09 | 4 | 89.3 | 282 |
| 1,357.08 | 34,975 | 44 | 66 | 2.57 | 3.9 | 1,308.64 | 1 | 34.6 | 190 |
| 6,896.33 | 354,320 | 141 | 209 | 4.08 | 1.9 | 3,402.24 | 10 | 173.7 | 801 |
| 1,799.52 | 64,365 | 44 | 122 | 3.41 | 2.8 | 221.22 | 4 | 12.7 | 251 |
| 1,568.12 | 55,004 | 35 | 131 | 3.73 | 2.8 | 5,450.74 | 3 | 218.3 | 175 |
| 756.20 | 12,750 | 16 | 66 | 3.94 | 5.9 | ........ | ........ | ........ | 48 |
| 633.64 | 20,122 | 22 | 76 | 2.40 | 3.2 | 9,712.99 | 4 | 381.0 | 161 |
| 2,606.48 | 106,980 | 65 | 137 | 3.34 | 2.4 | 1,090.21 | 9 | 69.5 | 389 |
| 2,463.75 | 47,318 | 39 | 101 | 5.26 | 5.2 | 1,830.19 | 4 | 74.0 | 171 |
| 1,707.74 | 50,969 | 40 | 106 | 3.56 | 3.4 | 1,183.64 | 2 | 30.7 | 254 |
| 6,413.09 | 278,215 | 122 | 190 | 4.38 | 2.3 | 4,548.91 | 9 | 154.0 | 635 |
| 1,247.79 | 30,223 | 30 | 84 | 3.47 | 4.1 | 1,351.68 | 6 | 43.8 | 190 |
| 1,675.98 | 40,858 | 52 | 65 | 2.69 | 4.1 | 1,358.56 | 6 | 49.9 | 223 |
| 1,040.48 | 26,843 | 35 | 64 | 2.48 | 3.9 | 2,151.70 | 9 | 98.1 | 202 |
| 1,344.14 | 51,395 | 47 | 91 | 2.38 | 2.6 | 818.93 | 5 | 57.8 | 224 |
| 3,237.58 | 73,215 | 60 | 102 | 4.50 | 4.4 | 2,866.34 | 9 | 173.1 | 291 |
| 4,005.53 | 201,537 | 47 | 357 | 7.10 | 2.0 | 2,918.00 | 4 | 119.0 | 882 |
| 1,100.84 | 21,547 | 28 | 64 | 3.27 | 5.1 | 1,044.54 | 3 | 35.5 | 71 |
| 925.03 | 27,041 | 20 | 113 | 3.85 | 3.4 | 458.75 | 5 | 16.8 | 154 |
| 1,859.71 | 43,098 | 43 | 83 | 3.60 | 4.3 | 817.73 | 5 | 29.0 | 158 |
| 4,932.97 | 123,927 | 97 | 106 | 4.24 | 4.0 | 2,394.10 | 10 | 133.0 | 593 |
| 2,569.70 | 61,855 | 64 | 81 | 3.35 | 4.2 | 729.72 | 2 | 25.0 | 284 |
| 1,060.45 | 48,986 | 32 | 128 | 2.76 | 2.2 | 1,102.58 | 2 | 51.5 | 220 |
| 570.43 | 14,029 | 18 | 65 | 2.64 | 4.1 | ........ | ........ | ........ | 69 |
| 3,942.37 | 186,493 | 90 | 172 | 3.71 | 2.1 | 1,809.15 | 6 | 75.8 | 451 |
| 460.34 | 12,970 | 9 | 120 | 4.26 | 3.5 | ........ | ........ | ........ | 53 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
|---|---|---|---|---|---|---|---|---|
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Cannington | G.B. | 786 | 5,063.88 | 179,625 | 250 | 60 | 1.69 | 2.8 |
| Cardinal | E.O. | 1,428 | 7,249.25 | 242,802 | 333 | 61 | 1.81 | 3.0 |
| Cayuga | Nia. | 668 | 3,620.95 | 91,269 | 131 | 58 | 2.26 | 3.9 |
| Chatsworth | G.B. | 302 | 1,727.07 | 42,103 | 79 | 44 | 1.82 | 4.1 |
| Chesley | G.B. | 1,794 | 8,867.48 | 341,763 | 424 | 67 | 1.74 | 2.6 |
| Chesterville | E.O. | 970 | 5,448.59 | 230,432 | 233 | 82 | 1.95 | 2.4 |
| Chippawa | Nia. | 1,143 | 7,619.61 | 523,496 | 304 | 143 | 2.00 | 1.4 |
| Clifford | Nia. | 423 | 2,435.37 | 48,132 | 103 | 39 | 1.97 | 5.1 |
| Clinton | Nia. | 1,863 | 12,002.21 | 539,135 | 507 | 89 | 1.97 | 2.2 |
| Cobden | E.O. | 637 | 2,300.96 | 36,678 | 91 | 34 | 2.11 | 6.3 |
| Colborne | E.O. | 1,016 | 5,093.12 | 112,645 | 228 | 41 | 1.86 | 4.5 |
| Coldwater | G.B. | 608 | 2,657.03 | 108,332 | 137 | 66 | 1.62 | 2.5 |
| Comber | Nia. | P.V. | 2,110.24 | 69,355 | 93 | 62 | 1.89 | 3.0 |
| Cookstown | G.B. | P.V. | 2,232.39 | 38,110 | 104 | 31 | 1.79 | 5.9 |
| Cottam | Nia. | P.V. | 2,368.83 | 59,412 | 104 | 48 | 1.90 | 4.0 |
| Courtright | Nia. | 332 | 1,472.47 | 22,306 | 58 | 32 | 2.13 | 6.6 |
| Creemore | G.B. | 656 | 3,455.85 | 94,653 | 138 | 57 | 2.09 | 3.7 |
| Dashwood | Nia. | P.V. | 1,403.66 | 37,132 | 65 | 48 | 1.80 | 3.8 |
| Delaware | Nia. | P.V. | 1,541.91 | 68,689 | 55 | 104 | 2.34 | 2.2 |
| Deseronto | E.O. | 1,395 | 5,901.56 | 141,400 | 288 | 41 | 1.71 | 4.2 |
| Dorchester | Nia. | P.V. | 2,254.65 | 91,625 | 129 | 59 | 1.46 | 2.5 |
| Drayton | Nia. | 569 | 3,010.51 | 95,567 | 155 | 51 | 1.62 | 3.2 |
| Dresden | Nia. | 1,479 | 6,274.99 | 231,816 | 373 | 52 | 1.40 | 2.7 |
| Drumbo | Nia. | P.V. | 1,945.04 | 72,646 | 81 | 75 | 2.00 | 2.6 |
| Dublin | Nia. | P.V. | 1,296.91 | 22,108 | 43 | 43 | 2.51 | 5.9 |
| Dundalk | G.B. | 709 | 2,886.92 | 90,103 | 164 | 46 | 1.47 | 3.2 |
| Durham | G.B. | 1,825 | 6,783.20 | 310,457 | 412 | 63 | 1.37 | 2.2 |
| Dutton | Nia. | 780 | 3,411.12 | 140,672 | 208 | 56 | 1.37 | 2.4 |
| East York Twp. | Nia. | ............ | 184,387.47 | 9,149,112 | 9,229 | 83 | 1.66 | 2.0 |
| Elmvale | G.B. | P.V. | 2,817.58 | 96,288 | 157 | 51 | 1.50 | 2.9 |
| Elmwood | G.B. | P.V. | 1,206.22 | 22,707 | 60 | 32 | 1.68 | 5.3 |
| Elora | Nia. | 1,133 | 7,270.54 | 302,284 | 312 | 81 | 1.95 | 2.4 |
| Embro | Nia. | 408 | 2,717.14 | 100,754 | 99 | 85 | 2.29 | 2.7 |
| Erieau | Nia. | 281 | 3,805.08 | 87,374 | 166 | 44 | 1.91 | 4.4 |
| Erie Beach | Nia. | ............ | 1,606.51 | 19,119 | 68 | 23 | 1.97 | 8.4 |
| Essex | Nia. | 1,689 | 7,706.45 | 326,692 | 435 | 63 | 1.48 | 2.4 |
| Etobicoke Twp. | Nia. | ............ | 118,138.64 | 7,747,440 | 3,542 | 182 | 2.78 | 1.5 |
| Exeter | Nia. | 1,597 | 11,860.42 | 525,865 | 445 | 98 | 2.22 | 2.3 |
| Finch | E.O. | 400 | 1,854.26 | 52,639 | 82 | 53 | 1.88 | 3.5 |
| Flesherton | G.B. | 469 | 2,517.39 | 69,498 | 140 | 41 | 1.50 | 3.6 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1935

### VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 2,290.45 | 73,250 | 72 | 85 | 2.65 | 3.1 | 583.74 | 10 | 29.2 | 332 |
| 1,959.48 | 74,283 | 58 | 107 | 2.82 | 2.7 | 551.64 | 2 | 17.0 | 393 |
| 3,052.74 | 72,288 | 56 | 107 | 4.49 | 4.2 | 1,462.73 | 5 | 42.3 | 192 |
| 1,164.87 | 23,573 | 33 | 60 | 2.94 | 4.9 | ............ | ............ | ............ | 112 |
| 4,333.86 | 168,366 | 98 | 143 | 3.69 | 2.6 | 9,130.35 | 19 | 365.3 | 541 |
| 2,677.54 | 96,428 | 70 | 115 | 3.19 | 2.8 | 1,945.05 | 4 | 82.2 | 307 |
| 1,395.02 | 81,099 | 40 | 169 | 2.87 | 1.7 | 1,162.46 | 5 | 36.5 | 349 |
| 1,654.39 | 38,167 | 39 | 82 | 3.53 | 4.3 | 144.61 | 1 | 5.0 | 143 |
| 6,119.47 | 237,263 | 127 | 156 | 4.02 | 2.6 | 5,281.12 | 14 | 204.5 | 648 |
| 2,722.86 | 34,566 | 47 | 61 | 4.83 | 7.9 | 293.19 | 1 | 10.5 | 139 |
| 3,323.44 | 79,399 | 78 | 85 | 3.55 | 4.2 | 789.11 | 4 | 34.7 | 310 |
| 1,815.63 | 58,982 | 57 | 86 | 2.65 | 3.1 | 5,588.64 | 3 | 218.1 | 197 |
| 2,204.54 | 63,781 | 48 | 111 | 3.83 | 3.5 | 3,346.45 | 3 | 88.2 | 144 |
| 1,197.78 | 21,438 | 31 | 58 | 3.22 | 5.6 | 820.94 | 3 | 47.0 | 138 |
| 1,194.80 | 39,694 | 25 | 132 | 3.98 | 3.0 | 455.47 | 1 | 15.0 | 130 |
| 963.86 | 16,768 | 24 | 58 | 3.35 | 5.9 | 806.37 | 3 | 14.0 | 85 |
| 2,150.25 | 45,730 | 58 | 66 | 3.09 | 4.7 | 960.88 | 3 | 50.3 | 199 |
| 907.14 | 18,355 | 25 | 61 | 3.02 | 4.9 | 807.59 | 1 | 28.7 | 91 |
| 584.16 | 22,378 | 19 | 98 | 2.56 | 2.6 | ............ | ............ | ............ | 74 |
| 2,406.03 | 49,647 | 73 | 57 | 2.75 | 4.8 | 1,958.03 | 8 | 76.1 | 369 |
| 886.55 | 33,239 | 28 | 99 | 2.64 | 2.7 | 515.37 | 2 | 30.7 | 159 |
| 1,934.63 | 51,464 | 63 | 68 | 2.56 | 3.7 | 1,221.37 | 3 | 52.3 | 221 |
| 5,092.41 | 207,678 | 114 | 152 | 3.72 | 2.4 | 4,525.13 | 10 | 197.0 | 497 |
| 787.39 | 23,143 | 24 | 80 | 2.73 | 3.4 | 660.24 | 1 | 22.5 | 106 |
| 773.47 | 14,585 | 25 | 49 | 2.58 | 5.3 | 337.26 | 2 | 15.8 | 70 |
| 2,417.17 | 71,577 | 73 | 82 | 2.76 | 3.4 | 2,399.02 | 4 | 132.9 | 241 |
| 4,789.22 | 185,210 | 108 | 143 | 3.70 | 2.6 | 3,420.40 | 8 | 187.2 | 528 |
| 2,466.43 | 95,261 | 66 | 120 | 3.11 | 2.6 | 3,546.38 | 8 | 148.4 | 282 |
| 25,403.94 | 1,376,963 | 405 | 283 | 5.23 | 1.8 | 35,394.15 | 31 | 1,482.3 | 9,665 |
| 1,730.89 | 61,610 | 55 | 93 | 2.62 | 2.8 | 2,846.06 | 7 | 135.8 | 219 |
| 642.85 | 14,260 | 20 | 59 | 2.68 | 4.5 | 1,354.50 | 1 | 34.4 | 81 |
| 3,570.61 | 114,434 | 72 | 129 | 4.02 | 3.1 | 2,995.07 | 2 | 128.4 | 386 |
| 1,677.60 | 44,462 | 47 | 79 | 2.97 | 3.8 | 1,323.78 | 1 | 38.3 | 147 |
| 1,455.68 | 34,213 | 12 | 238 | 10.11 | 4.3 | 762.19 | 2 | 28.9 | 180 |
| 324.02 | 6,512 | 3 | 181 | 9.00 | 5.0 | ............ | ............ | ............ | 71 |
| 4,847.22 | 205,925 | 116 | 148 | 3.48 | 2.4 | 5,937.58 | 17 | 246.1 | 568 |
| 17,000.43 | 907,778 | 228 | 332 | 6.21 | 1.9 | 18,414.46 | 30 | 847.5 | 3,800 |
| 5,384.47 | 182,974 | 114 | 134 | 3.94 | 2.9 | 4,245.16 | 8 | 186.5 | 567 |
| 1,377.87 | 33,482 | 30 | 93 | 3.83 | 4.1 | 541.81 | 1 | 14.6 | 113 |
| 1,862.90 | 46,124 | 52 | 74 | 2.99 | 4.0 | 401.71 | 2 | 23.3 | 194 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Fonthill | Nia. | 808 | 5,091.36 | 191,410 | 201 | 79 | 2.05 | 2.6 |
| Forest | Nia. | 1,496 | 10,588.91 | 411,840 | 460 | 75 | 1.92 | 2.6 |
| Glencoe | Nia. | 833 | 5,414.90 | 179,573 | 216 | 69 | 2.09 | 3.0 |
| Grand Valley | G.B. | 575 | 3,296.62 | 74,847 | 155 | 40 | 1.77 | 4.4 |
| Granton | Nia. | P.V. | 1,911.17 | 80,032 | 81 | 82 | 1.97 | 2.4 |
| Gravenhurst | G.B. | 1,985 | 9,033.45 | 525,076 | 457 | 98 | 1.68 | 1.7 |
| Hagersville | Nia. | 1,399 | 5,033.46 | 242,423 | 340 | 59 | 1.18 | 2.0 |
| Harriston | Nia. | 1,329 | 7,846.54 | 235,443 | 338 | 58 | 1.93 | 3.3 |
| Harrow | Nia. | 934 | 7,703.30 | 411,104 | 258 | 133 | 2.49 | 1.9 |
| Hastings | E.O. | 795 | 3,807.68 | 91,054 | 192 | 40 | 1.65 | 4.2 |
| Havelock | E.O. | 1,119 | 5,457.28 | 159,200 | 273 | 49 | 1.67 | 3.4 |
| Hensall | Nia. | 697 | 4,217.34 | 144,807 | 185 | 65 | 1.90 | 2.9 |
| Highgate | Nia. | 334 | 1,813.45 | 48,661 | 96 | 42 | 1.57 | 3.7 |
| Holstein | G.B. | P.V. | 1,225.33 | 10,985 | 54 | 17 | 1.89 | 11.2 |
| Jarvis | Nia. | 535 | 2,530.74 | 62,998 | 128 | 41 | 1.64 | 4.0 |
| Kemptville | E.O. | 1,272 | 6,939.85 | 247,809 | 334 | 62 | 1.73 | 2.8 |
| Kirkfield | G.B. | P.V. | 850.22 | 13,062 | 30 | 36 | 2.36 | 6.5 |
| Lakefield | E.O. | 1,335 | 6,006.00 | 202,809 | 317 | 53 | 1.58 | 3.0 |
| Lambeth | Nia. | P.V. | 3,360.34 | 153,102 | 111 | 115 | 2.52 | 2.2 |
| Lanark | E.O. | 623 | 2,869.03 | 63,252 | 157 | 34 | 1.52 | 4.5 |
| Lancaster | E.O. | 609 | 2,187.87 | 32,795 | 86 | 32 | 2.12 | 6.7 |
| La Salle | Nia. | 671 | 5,367.42 | 240,426 | 173 | 116 | 2.59 | 2.2 |
| London Twp. | Nia. | ............ | 11,682.22 | 768,516 | 355 | 180 | 2.74 | 1.5 |
| Lucan | Nia. | 604 | 4,392.40 | 171,166 | 171 | 83 | 2.14 | 2.6 |
| Lucknow | G.B. | 1,055 | 6,663.07 | 175,066 | 270 | 54 | 2.06 | 3.8 |
| Lynden | Nia. | P.V. | 2,135.02 | 73,772 | 84 | 73 | 2.12 | 2.9 |
| Madoc | E.O. | 1,088 | 4,433.05 | 146,661 | 260 | 47 | 1.42 | 3.0 |
| Markdale | G.B. | 793 | 3,661.07 | 126,199 | 190 | 55 | 1.61 | 2.9 |
| Markham | Nia. | 1,092 | 7,119.53 | 294,471 | 283 | 87 | 2.10 | 2.4 |
| Marmora | E.O. | 984 | 3,809.96 | 69,759 | 204 | 28 | 1.56 | 5.5 |
| Martintown | E.O. | P.V. | 777.79 | 13,232 | 36 | 31 | 1.80 | 5.9 |
| Maxville | E.O. | 732 | 3,356.03 | 53,590 | 143 | 31 | 1.96 | 6.3 |
| Merlin | Nia. | P.V. | 2,215.32 | 59,704 | 109 | 46 | 1.69 | 3.7 |
| Mildmay | G.B. | 741 | 2,795.98 | 63,552 | 145 | 37 | 1.61 | 4.4 |
| Milton | Nia. | 1,775 | 11,578.66 | 535,731 | 455 | 98 | 2.12 | 2.2 |
| Milverton | Nia. | 996 | 5,265.84 | 238,383 | 228 | 87 | 1.92 | 2.2 |
| Mitchell | Nia. | 1,526 | 10,882.39 | 610,602 | 441 | 113 | 2.01 | 1.8 |
| Moorefield | Nia. | P.V. | 1,149.17 | 23,281 | 59 | 33 | 1.62 | 4.9 |
| Mt. Brydges | Nia. | P.V. | 2,791.27 | 118,030 | 135 | 73 | 1.72 | 2.4 |
| Mt. Forest | G.B. | 1,826 | 7,884.77 | 371,940 | 456 | 68 | 1.44 | 2.1 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1935

### VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 1,293.81 | 61,312 | 29 | 176 | 3.69 | 2.1 | 562.65 | 4 | 18.1 | 234 |
| 5,397.78 | 164,598 | 112 | 122 | 4.02 | 3.3 | 4,919.01 | 21 | 187.4 | 593 |
| 3,213.47 | 90,121 | 83 | 90 | 3.23 | 3.6 | 3,055.88 | 6 | 101.0 | 305 |
| 1,778.89 | 33,447 | 48 | 58 | 3.09 | 5.3 | 1,825.96 | 5 | 77.0 | 208 |
| 1,179.97 | 42,827 | 34 | 105 | 2.89 | 2.8 | 733.74 | 1 | 36.8 | 116 |
| 6,979.79 | 342,643 | 106 | 269 | 5.49 | 2.0 | 8,990.45 | 14 | 438.8 | 577 |
| 4,611.55 | 253,816 | 108 | 196 | 3.53 | 1.8 | 9,991.60 | 14 | 357.7 | 462 |
| 4,847.39 | 134,961 | 99 | 114 | 4.08 | 3.6 | 5,858.47 | 13 | 238.7 | 450 |
| 3,586.11 | 135,495 | 74 | 153 | 4.04 | 2.6 | 3,625.24 | 3 | 138.4 | 335 |
| 1,691.08 | 36,574 | 56 | 54 | 2.52 | 4.6 | 501.76 | 5 | 19.9 | 253 |
| 2,495.43 | 51,176 | 58 | 74 | 3.59 | 4.9 | 2,551.53 | 3 | 89.4 | 334 |
| 1,867.18 | 54,210 | 52 | 87 | 2.99 | 3.4 | 2,606.84 | 14 | 113.6 | 251 |
| 937.39 | 22,550 | 37 | 51 | 2.11 | 4.2 | 1,233.63 | 6 | 57.1 | 139 |
| 593.64 | 6,066 | 19 | 27 | 2.60 | 9.8 | .................... | .......... | .............. | 73 |
| 1,831.90 | 52,943 | 43 | 102 | 3.57 | 3.5 | 3,769.97 | 3 | 119.0 | 174 |
| 4,451.28 | 162,303 | 78 | 173 | 4.75 | 2.7 | 4,721.34 | 7 | 180.8 | 419 |
| 1,146.66 | 19,180 | 19 | 84 | 5.03 | 6.0 | .................... | .......... | .............. | 49 |
| 3,564.17 | 141,843 | 69 | 171 | 4.30 | 2.5 | 1,444.03 | 5 | 108.2 | 391 |
| 1,461.58 | 46,476 | 28 | 138 | 4.35 | 3.1 | 517.30 | 1 | 27.5 | 140 |
| 1,274.30 | 34,152 | 36 | 79 | 2.95 | 3.7 | .................... | .......... | .............. | 193 |
| 1,478.87 | 21,280 | 33 | 54 | 3.73 | 6.9 | .................... | .......... | .............. | 119 |
| 1,386.16 | 45,031 | 16 | 235 | 7.22 | 3.1 | 2,444.97 | 4 | 76.9 | 193 |
| 2,452.07 | 136,866 | 23 | 496 | 8.90 | 1.8 | 1,722.31 | 4 | 58.0 | 382 |
| 1,762.57 | 54,365 | 42 | 108 | 3.50 | 3.2 | 302.18 | 6 | 22.5 | 219 |
| 3,152.67 | 68,972 | 64 | 90 | 4.11 | 4.6 | 3,885.49 | 6 | 135.2 | 340 |
| 698.22 | 33,648 | 20 | 140 | 2.91 | 2.1 | 770.60 | 1 | 35.0 | 105 |
| 3,521.87 | 100,825 | 98 | 86 | 2.99 | 3.5 | 1,017.96 | 5 | 80.8 | 363 |
| 2,712.22 | 82,939 | 74 | 93 | 3.05 | 3.3 | 985.26 | 10 | 73.5 | 274 |
| 2,728.17 | 99,307 | 70 | 118 | 3.25 | 2.7 | 2,887.31 | 8 | 118.1 | 361 |
| 1,741.47 | 42,267 | 49 | 72 | 3.11 | 4.1 | 428.18 | 3 | 30.5 | 256 |
| 887.03 | 18,805 | 22 | 71 | 3.36 | 4.7 | .................... | .......... | .............. | 58 |
| 2,551.39 | 43,034 | 47 | 76 | 4.52 | 5.9 | .................... | .......... | .............. | 190 |
| 1,514.97 | 42,739 | 43 | 83 | 2.94 | 3.5 | 950.20 | 1 | 27.7 | 153 |
| 2,013.83 | 41,039 | 43 | 80 | 3.90 | 4.9 | 712.82 | 2 | 20.5 | 190 |
| 5,543.41 | 241,376 | 106 | 190 | 4.36 | 2.3 | 8,926.65 | 17 | 359.0 | 578 |
| 3,043.51 | 99,312 | 75 | 113 | 3.45 | 3.1 | 2,860.16 | 6 | 164.7 | 309 |
| 4,709.69 | 209,094 | 113 | 154 | 3.47 | 2.3 | 4,389.67 | 23 | 226.0 | 577 |
| 637.63 | 12,358 | 25 | 41 | 2.13 | 5.2 | 1,236.32 | 2 | 43.3 | 86 |
| 829.97 | 40,126 | 37 | 90 | 1.87 | 2.1 | 831.44 | 3 | 28.7 | 175 |
| 5,709.18 | 240,136 | 149 | 134 | 3.19 | 2.4 | 5,241.03 | 13 | 286.8 | 618 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Neustadt | G.B. | 491 | 2,105.34 | 24,950 | 94 | 22 | 1.87 | 8.4 |
| Newbury | Nia. | 265 | 1,289.69 | 25,585 | 65 | 33 | 1.65 | 5.0 |
| New Hamburg | Nia. | 1,449 | 9,814.31 | 445,284 | 343 | 108 | 2.38 | 2.2 |
| Niagara-on-the-Lake | Nia. | 1,569 | 14,262.48 | 925,071 | 481 | 161 | 2.48 | 1.5 |
| Nipigon | T.B. | P.V. | 2,817.18 | 81,803 | 141 | 48 | 1.67 | 3.4 |
| North York Twp. | Nia. | ............ | 110,011.37 | 5,255,130 | 3,107 | 141 | 2.95 | 2.1 |
| Norwich | Nia. | 1,174 | 8,199.02 | 423,266 | 342 | 103 | 2.00 | 1.9 |
| Norwood | E.O. | 761 | 4,517.98 | 118,305 | 212 | 47 | 1.77 | 3.8 |
| Oil Springs | Nia. | 463 | 1,555.87 | 47,698 | 76 | 52 | 1.71 | 3.3 |
| Omemee | E.O. | 509 | 2,402.83 | 65,726 | 129 | 42 | 1.55 | 3.7 |
| Otterville | Nia. | P.V. | 2,204.62 | 79,563 | 109 | 61 | 1.69 | 2.8 |
| Paisley | G.B. | 728 | 4,001.16 | 77,614 | 184 | 35 | 1.81 | 5.2 |
| Palmerston | Nia. | 1,470 | 9,421.62 | 402,021 | 378 | 89 | 2.08 | 2.3 |
| Parkhill | Nia. | 1,023 | 4,954.75 | 105,435 | 244 | 36 | 1.71 | 4.7 |
| Plattsville | Nia. | P.V. | 2,584.50 | 59,929 | 98 | 51 | 2.20 | 4.3 |
| Point Edward | Nia. | 1,222 | 5,716.70 | 217,854 | 306 | 59 | 1.56 | 2.6 |
| Port Credit | Nia. | 1,670 | 13,319.36 | 918,980 | 400 | 191 | 2.77 | 1.4 |
| Port Dalhousie | Nia. | 1,410 | 14,363.97 | 938,233 | 609 | 128 | 1.92 | 1.5 |
| Port Dover | Nia. | 1,692 | 7,370.72 | 266,840 | 498 | 45 | 1.36 | 2.8 |
| Port Elgin | G.B. | 1,301 | 7,035.14 | 284,119 | 390 | 61 | 1.50 | 2.5 |
| Port McNicoll | G.B. | 935 | 3,202.80 | 101,392 | 199 | 42 | 1.34 | 3.2 |
| Port Perry | G.B. | 1,146 | 6,864.06 | 217,560 | 316 | 57 | 1.81 | 3.2 |
| Port Rowan | Nia. | 644 | 3,431.57 | 61,226 | 107 | 47 | 2.63 | 5.6 |
| Port Stanley | Nia. | 759 | 13,286.59 | 609,978 | 711 | 72 | 1.56 | 2.2 |
| Priceville | G.B. | P.V. | 598.03 | 6,650 | 33 | 17 | 1.51 | 9.0 |
| Princeton | Nia. | P.V. | 2,075.03 | 64,087 | 78 | 68 | 2.22 | 3.2 |
| Queenston | Nia. | P.V. | 3,296.19 | 148,858 | 68 | 182 | 4.00 | 2.2 |
| Richmond | E.O. | 425 | 1,738.00 | 46,476 | 56 | 69 | 2.59 | 3.7 |
| Richmond Hill | Nia. | 1,236 | 6,953.69 | 423,342 | 339 | 104 | 1.71 | 1.6 |
| Ripley | G.B. | 450 | 3,170.70 | 60,580 | 118 | 43 | 2.24 | 5.2 |
| Rockwood | Nia. | P.V. | 3,141.51 | 132,860 | 138 | 80 | 1.90 | 2.4 |
| Rodney | Nia. | 729 | 3,379.11 | 109,356 | 203 | 45 | 1.39 | 3.1 |
| Rosseau | G.B. | 300 | 3,214.67 | 47,389 | 62 | 64 | 4.32 | 6.8 |
| Russell | E.O. | P.V. | 2,614.88 | 45,633 | 111 | 34 | 1.96 | 5.7 |
| St. Clair Beach | Nia. | 79 | 2,074.70 | 70,525 | 43 | 136 | 3.94 | 2.9 |
| St. George | Nia. | P.V. | 3,128.14 | 128,082 | 136 | 78 | 1.92 | 2.4 |
| St. Jacobs | Nia. | P.V. | 4,128.85 | 198,410 | 116 | 143 | 2.97 | 2.1 |
| Scarboro Twp. | Nia. | ............ | 98,499.04 | 4,956,070 | 4,573 | 90 | 1.79 | 2.0 |
| Seaforth | Nia. | 1,697 | 10,323.85 | 507,769 | 481 | 88 | 1.79 | 2.0 |
| Shelburne | G.B. | 1,166 | 5,426.58 | 194,981 | 273 | 60 | 1.68 | 2.8 |

## "D"—Continued

### in Ontario Municipalities Served by the Commission and for Power Service during the year 1935

### VILLAGES AND SUBURBAN AREAS

| Commercial Light service | | | | | | Power service | | | |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horse-power | Total number of consumers |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 1,449.53 | 20,441 | 30 | 57 | 4.03 | 7.1 | 39.00 | 1 | 2.0 | 125 |
| 751.44 | 15,557 | 23 | 56 | 2.72 | 4.8 | 735.49 | 2 | 37.8 | 90 |
| 4,258.70 | 133,308 | 96 | 116 | 3.70 | 3.2 | 5,154.35 | 12 | 236.2 | 451 |
| 3,750.82 | 221,120 | 82 | 225 | 3.82 | 1.7 | 3,043.41 | 11 | 115.1 | 574 |
| 2,319.21 | 79,824 | 41 | 162 | 4.71 | 2.9 | 896.57 | 2 | 41.4 | 184 |
| 17,120.86 | 605,774 | 242 | 209 | 5.90 | 2.8 | 32,843.49 | 36 | 1,028.3 | 3,385 |
| 3,592.40 | 145,959 | 88 | 138 | 3.40 | 2.5 | 2,109.52 | 6 | 99.4 | 436 |
| 2,299.10 | 53,951 | 61 | 74 | 3.14 | 4.3 | 671.05 | 2 | 23.5 | 275 |
| 1,305.00 | 38,224 | 31 | 103 | 3.51 | 3.4 | 7,568.99 | 32 | 190.5 | 139 |
| 1,331.05 | 37,499 | 49 | 64 | 2.26 | 3.6 | 2,128.66 | 6 | 75.8 | 184 |
| 1,598.82 | 52,004 | 45 | 96 | 2.96 | 3.1 | 613.39 | 3 | 21.5 | 157 |
| 2,663.59 | 70,094 | 55 | 106 | 4.04 | 3.8 | 1,156.23 | 4 | 52.7 | 243 |
| 4,928.57 | 196,487 | 96 | 171 | 4.28 | 2.5 | 6,919.71 | 12 | 378.3 | 486 |
| 3,107.98 | 77,560 | 78 | 82 | 3.30 | 4.0 | 790.88 | 3 | 28.2 | 325 |
| 1,024.07 | 25,522 | 25 | 85 | 3.41 | 4.0 | 905.33 | 1 | 22.5 | 124 |
| 1,699.01 | 54,162 | 46 | 98 | 3.08 | 3.1 | 31,291.68 | 9 | 1,169.0 | 361 |
| 5,411.38 | 296,400 | 78 | 317 | 5.78 | 1.8 | 3,380.83 | 6 | 141.1 | 484 |
| 2,536.15 | 138,622 | 65 | 177 | 3.36 | 1.9 | 5,863.41 | 14 | 310.3 | 688 |
| 3,950.08 | 163,337 | 122 | 111 | 2.66 | 2.4 | 4,996.19 | 12 | 224.5 | 632 |
| 4,099.18 | 140,623 | 92 | 127 | 3.71 | 2.9 | 4,316.30 | 9 | 217.3 | 491 |
| 801.70 | 21,324 | 30 | 59 | 2.23 | 3.8 | .................... | ........... | ............... | 229 |
| 3,041.57 | 85,045 | 81 | 87 | 3.13 | 3.6 | 3,197.62 | 10 | 135.5 | 407 |
| 1,703.35 | 27,162 | 30 | 75 | 4.72 | 6.3 | 87.01 | 1 | 7.1 | 138 |
| 3,683.71 | 121,751 | 97 | 104 | 3.17 | 3.0 | 4,273.69 | 8 | 142.0 | 816 |
| 329.26 | 4,989 | 9 | 46 | 3.05 | 6.6 | .................... | ........... | ............... | 42 |
| 700.94 | 19,936 | 20 | 83 | 2.92 | 3.5 | 2,999.55 | 3 | 83.3 | 101 |
| 984.64 | 43,139 | 11 | 327 | 7.52 | 2.3 | .................... | ........... | ............... | 79 |
| 1,662.40 | 37,864 | 25 | 126 | 5.54 | 4.4 | .................... | ........... | ............... | 81 |
| 3,632.71 | 190,977 | 68 | 234 | 4.45 | 1.9 | 2,383.49 | 17 | 136.4 | 424 |
| 1,580.82 | 21,439 | 44 | 41 | 2.99 | 7.4 | .................... | ........... | ............... | 162 |
| 1,046.25 | 37,364 | 35 | 89 | 2.49 | 2.8 | 352.02 | 2 | 11.7 | 175 |
| 2,190.09 | 64,334 | 75 | 71 | 2.43 | 3.4 | 2,042.81 | 5 | 85.9 | 283 |
| 1,003.42 | 11,242 | 20 | 47 | 4.18 | 8.9 | .................... | ........... | ............... | 82 |
| 1,355.54 | 28,208 | 34 | 69 | 3.32 | 4.8 | .................... | ........... | ............... | 145 |
| 2,100.02 | 61,840 | 3 | 1717 | 58.38 | 3.4 | 53.86 | 1 | 2.5 | 47 |
| 1,321.24 | 47,229 | 36 | 109 | 3.06 | 2.8 | 2,250.52 | 3 | 80.5 | 175 |
| 1,370.88 | 41,017 | 27 | 127 | 4.23 | 3.3 | 2,181.93 | 7 | 95.3 | 150 |
| 19,996.06 | 962,000 | 362 | 221 | 4.60 | 2.1 | 22,416.10 | 37 | 854.7 | 4,972 |
| 5,502.97 | 222,790 | 123 | 151 | 3.73 | 2.5 | 5,995.00 | 17 | 296.6 | 621 |
| 3,697.60 | 118,522 | 80 | 123 | 3.85 | 3.1 | 2,745.90 | 14 | 156.7 | 367 |

## STATEMENT

### Statistics Relating to the Supply of Electrical Energy to Consumers For Domestic Service, for Commercial Light Service

### Group III—SMALL TOWNS (less than 2,000 population),

| Municipality | System | Population | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. |
| | | | $ c. | kw-hr. | | kw-hr. | $ c. | cts. |
| Southampton | G.B. | 1,355 | 7,013.32 | 259,795 | 412 | 53 | 1.42 | 2.7 |
| Springfield | Nia. | 380 | 1,779.48 | 52,711 | 97 | 45 | 1.53 | 3.4 |
| Stamford Twp. | Nia. | ........... | 56,380.59 | 4,085,452 | 1,686 | .202 | 2.78 | 1.4 |
| Stayner | G.B. | 900 | 4,413.06 | 187,523 | 251 | 62 | 1.46 | 2.4 |
| Stirling | E.O. | 935 | 5,422.75 | 290,766 | 279 | 87 | 1.62 | 1.9 |
| Stouffville | Nia. | 1,169 | 7,083.72 | 246,749 | 346 | 59 | 1.71 | 2.9 |
| Streetsville | Nia. | 671 | 5,230.68 | 223,425 | 205 | 91 | 2.12 | 2.3 |
| Sunderland | G.B. | P.V. | 2,404.37 | 46,424 | 115 | 34 | 1.74 | 5.2 |
| Sutton | Nia. | 812 | 7,438.92 | 192,578 | 406 | 40 | 1.53 | 3.9 |
| Tara | G.B. | 509 | 2,762.70 | 74,712 | 136 | 46 | 1.61 | 3.7 |
| Tavistock | Nia. | 1,033 | 6,944.33 | 326,210 | 259 | 105 | 2.23 | 2.1 |
| Teeswater | G.B. | 796 | 4,463.87 | 89,138 | 194 | 38 | 1.92 | 5.0 |
| Thamesford | Nia. | P.V. | 2,629.32 | 119,918 | 121 | 82 | 1.81 | 2.2 |
| Thamesville | Nia. | 710 | 3,704.13 | 143,520 | 218 | 55 | 1.42 | 2.6 |
| Thedford | Nia. | 575 | 3,006.75 | 56,344 | 131 | 36 | 1.91 | 5.3 |
| Thorndale | Nia. | P.V. | 1,476.68 | 38,309 | 66 | 48 | 1.87 | 3.9 |
| Thornton | G.B. | P.V. | 1,414.27 | 17,069 | 56 | 25 | 2.10 | 8.3 |
| Tilbury | Nia. | 1,937 | 7,004.30 | 310,808 | 440 | 59 | 1.33 | 2.3 |
| Toronto Twp. | Nia. | ........... | 63,295.61 | 3,480,917 | 1,957 | 148 | 2.70 | 1.8 |
| Tottenham | G.B. | 514 | 3,314.63 | 57,892 | 130 | 37 | 2.12 | 5.7 |
| Trafalgar Twp. Area No. 1 | Nia. | ........... | 13,541.51 | 610,020 | 300 | 169 | 3.76 | 2.2 |
| Trafalgar Twp. Area No. 2 | Nia. | ........... | 5,863.90 | 186,688 | 152 | 102 | 3.21 | 3.1 |
| Tweed | E.O. | 1,247 | 6,085.79 | 130,816 | 261 | 42 | 1.94 | 4.7 |
| Uxbridge | G.B. | 1,514 | 8,184.49 | 279,700 | 369 | 63 | 1.85 | 2.9 |
| Victoria Harbour | G.B. | 1,164 | 2,942.15 | 86,284 | 177 | 41 | 1.38 | 3.4 |
| Wardsville | Nia. | 247 | 1,136.06 | 17,972 | 50 | 30 | 1.89 | 6.3 |
| Warkworth | E.O. | P.V. | 2,360.65 | 43,498 | 116 | 31 | 1.70 | 5.4 |
| Waterdown | Nia. | 932 | 5,732.70 | 285,840 | 228 | 104 | 2.08 | 2.0 |
| Waterford | Nia. | 1,202 | 6,015.29 | 342,350 | 324 | 88 | 1.54 | 1.7 |
| Watford | Nia. | 916 | 6,517.92 | 220,060 | 273 | 67 | 1.99 | 3.0 |
| Waubaushene | G.B. | P.V. | 2,348.42 | 109,704 | 148 | 62 | 1.32 | 2.1 |
| Wellesley | Nia. | P.V. | 2,728.08 | 75,600 | 128 | 49 | 1.78 | 3.6 |
| Wellington | E.O. | 916 | 4,874.01 | 210,462 | 295 | 59 | 1.38 | 2.3 |
| West Lorne | Nia. | 747 | 2,858.39 | 93,840 | 190 | 41 | 1.25 | 3.0 |
| Westport | E.O. | 704 | 3,017.86 | 56,690 | 93 | 51 | 2.70 | 5.3 |
| Wheatley | Nia. | 743 | 3,908.05 | 117,408 | 156 | 63 | 2.09 | 3.3 |
| Wiarton | G.B. | 1,782 | 8,556.89 | 179.215 | 359 | 42 | 1.98 | 4.8 |
| Williamsburg | E.O. | P.V. | 3,962.02 | 239,944 | 112 | 179 | 2.95 | 1.7 |
| Winchester | E.O. | 943 | 6,484.19 | 326,898 | 279 | 98 | 1.94 | 2.0 |
| Windermere | G.B. | 127 | 2,620.16 | 34,969 | 51 | 58 | 4.35 | 7.5 |
| Woodbridge | Nia. | 742 | 6,551.39 | 288,292 | 256 | 94 | 2.13 | 2.3 |
| Woodville | G.B. | 442 | 2,137.73 | 56,797 | 112 | 42 | 1.59 | 3.8 |
| Wyoming | Nia. | 492 | 2,694.32 | 58,546 | 132 | 37 | 1.70 | 4.6 |
| Zurich | Nia. | P.V. | 3,067.54 | 76,169 | 122 | 52 | 2.10 | 4.0 |

## "D"—Concluded

**in Ontario Municipalities Served by the Commission and for Power Service during the year 1935**

**VILLAGES AND SUBURBAN AREAS**

| Commercial Light service | | | | | | Power service | | | Total number of consumers |
|---|---|---|---|---|---|---|---|---|---|
| Revenue | Consumption | Number of consumers | Average monthly consumption | Average monthly bill | Net cost per kw-hr. | Revenue | Number of consumers | Average monthly horsepower | |
| $ c. | kw-hr. | | kw-hr. | $ c. | cents | $ c. | | | |
| 3,077.18 | 100,126 | 79 | 106 | 3.25 | 3.1 | 3,450.92 | 11 | 130.7 | 502 |
| 746.98 | 18,494 | 30 | 51 | 2.07 | 4.0 | 2,137.63 | 4 | 72.9 | 131 |
| 7,241.24 | 477,175 | 103 | 386 | 5.79 | 1.5 | 11,568.58 | 13 | 570.3 | 1,802 |
| 2,914 94 | 110,612 | 86 | 107 | 2.82 | 2.6 | 2,520.94 | 10 | 148.7 | 347 |
| 3,649.39 | 136,954 | 87 | 131 | 3.50 | 2.7 | 1,838.20 | 9 | 79.9 | 375 |
| 3,011.58 | 94,451 | 78 | 101 | 3.22 | 3.2 | 831.77 | 4 | 36.6 | 428 |
| .......... | .......... | .......... | .......... | .......... | .......... | 2,943.30 | 4 | 87.6 | 209 |
| 1,823.66 | 41,795 | 45 | 77 | 3.38 | 4.4 | 61.82 | 1 | 5.0 | 161 |
| 2,914.29 | 85,672 | 76 | 94 | 3.19 | 3.4 | 994.86 | 5 | 27.6 | 487 |
| 1,524.22 | 77,068 | 41 | 157 | 3.10 | 2.0 | 947.00 | 3 | 34.9 | 180 |
| 2,279.37 | 94,334 | 77 | 102 | 2.47 | 2.4 | 9,703.07 | 7 | 365.8 | 343 |
| 2,541.70 | 55,895 | 51 | 91 | 4.15 | 4.5 | 1,099.38 | 5 | 94.4 | 250 |
| 1,402.33 | 57,954 | 41 | 118 | 2.85 | 2.4 | 1,477.34 | 7 | 60.0 | 169 |
| 2,562.53 | 105,882 | 76 | 116 | 2.81 | 2.4 | 1,408.92 | 6 | 65.7 | 300 |
| 1,850.68 | 32,867 | 43 | 64 | 3.59 | 5.6 | 1,118.60 | 3 | 29.7 | 177 |
| 934.68 | 23,388 | 21 | 93 | 4.10 | 4.0 | 223.01 | 1 | 5.4 | 88 |
| 641.18 | 6,067 | 16 | 32 | 3.34 | 10.6 | 270.98 | 2 | 15.7 | 74 |
| 8,825.56 | 422,168 | 138 | 255 | 5.33 | 2.1 | 9,876.40 | 13 | 539.1 | 591 |
| 14,329.80 | 660,901 | 177 | 311 | 6.75 | 2.2 | 9,705.70 | 24 | 433.0 | 2,158 |
| 1,783.77 | 25,714 | 47 | 46 | 3.16 | 6.9 | 500.83 | 7 | 25.2 | 184 |
| 697.11 | 18,575 | 2 | 774 | 29.05 | 3.8 | 669.66 | 10 | 31.4 | 312 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | 152 |
| 4,636.73 | 75,554 | 89 | 71 | 4.34 | 6.1 | 2,661.87 | 11 | 114.3 | 361 |
| 3,569.90 | 96,125 | 95 | 84 | 3.13 | 3.7 | 920.89 | 10 | 65.1 | 474 |
| 878.73 | 31,739 | 28 | 94 | 2.62 | 2.8 | 132.60 | 2 | 6.0 | 207 |
| 1,112.22 | 19,514 | 24 | 68 | 3.86 | 5.7 | .......... | .......... | .......... | 74 |
| 1,569.74 | 33,099 | 41 | 67 | 3.19 | 4.7 | .......... | .......... | .......... | 157 |
| 1,677.52 | 83,670 | 35 | 199 | 3.98 | 2.0 | 2,147.26 | 7 | 105.7 | 270 |
| 1,790.73 | 96,465 | 68 | 118 | 2.18 | 1.8 | 4,551.90 | 11 | 237.7 | 403 |
| 3,452.57 | 117,075 | 75 | 130 | 3.84 | 2.9 | 2,763.54 | 5 | 103.0 | 353 |
| 636.08 | 24,130 | 23 | 87 | 2.30 | 2.6 | 179.35 | 2 | 7.0 | 173 |
| 1,554.26 | 37,200 | 44 | 70 | 2.94 | 4.2 | 1,900.11 | 6 | 64.0 | 178 |
| 2,002.49 | 67,300 | 65 | 86 | 2.57 | 3.0 | 2,015.33 | 5 | 62.0 | 365 |
| 1,348.01 | 47,017 | 49 | 80 | 2.29 | 2.9 | 898.77 | 3 | 37.3 | 242 |
| 2,520.91 | 40,153 | 50 | 67 | 4.20 | 6.3 | .......... | .......... | .......... | 143 |
| 2,607.04 | 70,888 | 58 | 102 | 3.75 | 3.7 | 1,760.23 | 3 | 69.3 | 217 |
| 6,299.53 | 138,821 | 114 | 110 | 4.60 | 4.5 | 4,131.66 | 15 | 153.6 | 488 |
| 7,563.38 | 365,990 | 65 | 469 | 9.70 | 2.1 | 240.82 | 1 | 13.2 | 178 |
| 3,262.38 | 129,542 | 69 | 156 | 3.94 | 2.5 | 1,479.58 | 2 | 41.4 | 350 |
| 1,149.62 | 18,681 | 13 | 120 | 7.37 | 6.2 | .......... | .......... | .......... | 64 |
| 1,900.53 | 72,014 | 49 | 122 | 3.23 | 2.6 | 5,470.18 | 7 | 240.5 | 312 |
| 1,120.32 | 24,793 | 28 | 74 | 3.33 | 4.5 | 741.36 | 2 | 34.7 | 142 |
| 1,653.48 | 35,784 | 50 | 60 | 2.76 | 4.6 | 230.68 | 2 | 16.0 | 184 |
| 2,138.03 | 41,679 | 48 | 72 | 3.71 | 5.1 | .......... | .......... | .......... | 170 |

# STATEMENT "E"

## Cost of Power to Municipalities and Rates to Consumers for Domestic Service—Commercial Light Service—Power Service in Ontario Urban Municipalities Served by The Hydro-Electric Power Commission

## For the Year 1935

In Statement "E" are presented the rate schedules applicable to consumers for domestic service, for commercial light service and for power service in each of the co-operating municipalities receiving service at cost through The Hydro-Electric Power Commission.* The cost per horsepower of the power supplied at wholesale by the Commission to the municipality, an important factor in determining rates to consumers, is also stated.

### Cost of Power to Municipalities

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of horsepower supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the several systems, as presented in Section IX, and an explanation of the items making up the cost of power is given in the introduction to that Section.

### Rates to Consumers

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall at all times be subject to the approval and control of the Commission." In accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to consumers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which the electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

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*Except townships served as parts of rural power districts, for which consult latter part of Section III.

*Domestic Service*: Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking and the operation of all domestic appliances.

*Commercial Light Service*: Electrical energy used in stores, offices, churches, schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

*Water-Heater Service*: For all consumers using continuous electric water heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. For new installations the necessary equipment, including heater, thermostat, efficient insulation for water storage tank, and wiring, is installed by The Hydro-Electric Power Commission of Ontario without capital cost to the consumer or to the municipal electric utility.†

*Power Service*: The rate schedules given for power service in Statement "E" are those governing the supply of power at retail by each of the local municipal utilities. The average amount of power sold, per consumer, under these rates is approximately 40 horsepower—consult Statement "D." The Commission serves certain large power consumers direct on behalf of the various systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually five per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for 10-hour power, and for other forms of restricted service. For these classifications, discounts additional to those listed in the table are applicable.

The service charge relates to the connected load or to the maximum demand, as measured by a 10-minute average peak, where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Under the tabulation of rates for power service there is a column headed "Basis of rate 130 hours monthly use of demand." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

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†In addition, the Commission supplies booster water-heating equipment to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

## STATEMENT

## Cost of Power to Municipalities and Rates to Consumers for for the Year 1935, in Urban Municipalities

| Municipality*<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Acton | 30.67 | 33–66 | 60 | 2.2 | 1.1 | 0.83 | 10 |
| Agincourt | 36.68 | 33–66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Ailsa Craig | 45.94 | 33–66 | 55 | 3.5 | 1.5 | 0.83 | 10 |
| Alexandria T | 55.28 | 33–66 | 60 | 5 | 2 | 1.11 | 10 |
| Alliston | 53.58 | 33–66 | 40 | 4.5 | 2 | 1.39 | 10 |
| Alvinston | 70.14 | 33–66 | 60 | 6 | 2 | 2.22 | 10 |
| Amherstburg T | 35.99 | 33–66 | 55 | 2.8 | 1.3 | 0.83 | 10 |
| Ancaster twp | 32.49 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Apple Hill | 47.17 | 33–66 | 60 | 6 | 2 | 1.66 | 10 |
| Arkona | 67.90 | 33–66 | 55 | 6 | 2 | 1.94 | 10 |
| Arthur | 63.55 | 33–66 | 40 | 6 | 2 | 1.67 | 10 |
| Athens | 47.26 | 33–66 | 50 | 4.5 | 1.5 | 1.11 | 10 |
| Aylmer T | 33.29 | 33–66 | 60 | 2.1 | 1 | 0.83 | 10 |
| Ayr | 31.55 | 33–66 | 55 | 3 | 1.25 | 1.11 | 10 |
| Baden | 32.34 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Barrie T | 29.63 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Bath | 68.03 | 33–66 | 40 | 6 | 2 | 3.33 | 10 |
| Beachville | 31.39 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Beaverton | 36.65 | 33–66 | 60 | 2.5 | 1 | 1.11 | 10 |
| Beeton | 69.48 | 33–66 | 40 | 6 | 2 | 1.67 | 10 |
| Belle River | 37.92 | 33–66 | 55 | 3.2 | 1.3 | 1.11 | 10 |
| Belleville C | 30.20 | ........... | 55 | 3 | 1 | 0.83 | 10 |
| Blenheim | 37.03 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Bloomfield | 49.09 | 33–66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Blyth | 50.23 | 33–66 | 50 | 4 | 2 | 1.39 | 10 |
| Bolton | 40.58 | 33–66 | 55 | 3.5 | 1.6 | 1.11 | 10 |
| Bothwell | 44.20 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Bowmanville T | 32.54 | ........... | 60 | 4.5 | 1.5 | 0.83 | 10 |
| Bradford | 53.32 | 33–66 | 35 | 5.5 | 1.5 | 1.67 | 10 |
| Brampton T | 30.00 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford C | 26.60 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Brantford twp | 31.25 | 33–66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Brechin | 43.27 | 33–66 | 45 | 5 | 1.5 | 1.67 | 10 |
| Bridgeport | 34.36 | 33–66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Brigden | 59.40 | 33–66 | 60 | 4 | 2 | 1.38 | 10 |
| Brighton | 36.03 | ........... | 60 | 5.5 | 2 | 1.11 | 10 |
| Brockville T | 27.82 | 33–66 | 50 | 2 | 1 | 0.83 | 10 & 10 |
| Brussels | 47.69 | 33–33 | 50 | 4.5 | 2 | 1.66 | 10 |
| Burford | 33.71 | 33–66 | 60 | 2.3 | 1.2 | 1.11 | 10 |
| Burgessville | 53.12 | 33–66 | 50 | 4 | 2 | 1.11 | 10 |

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*To distinguish them from the smaller municipalities and suburban districts the cities are indicated by a C and the towns of population 2,000 or more by a T; corresponding to the grouping in Statement "D."

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

"E"

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ........ | ........ | 10 |
| 5 | 3.5 | 0.75 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ........ | ........ | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ........ | ........ | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ........ | ........ | 10 |
| 7.5 | 6 | 1 | 2.22 | 10 | 59.00 | 1.00 | 7.1 | 4.7 | 0.33 | ........ | ........ | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ........ | ........ | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 31.00 | 1.00 | 2.9 | 1.9 | 0.33 | ........ | ........ | 10 |
| 5 | 6 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ........ | ........ | 10 |
| 7.5 | 6 | 1 | 1.94 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ........ | ........ | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ........ | ........ | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | ........ | ........ | 10 |
| 5 | 2.1 | 0.6 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ........ | ........ | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ........ | ........ | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ........ | ........ | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ........ | ....25 | 10 |
| 5 | 6 | 1 | 3.33 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ........ | ........ | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ........ | 10 | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ........ | ........ | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ........ | ........ | 10 |
| 5 | 3.2 | 0.75 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ........ | ........ | 10 |
| 5 | 2.3 | 0.8 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ........ | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 1.39 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ........ | ........ | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ........ | ........ | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ........ | ........ | 10 |
| 5 | 5.5 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ........ | ........ | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ........ | 25 | 10 |
| ........ | †3.5<br>††1.75 | 0.35 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ........ | 10 | 10 |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ........ | 10 | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2. | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ........ | ........ | 10 |
| 5 | 5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ........ | ........ | 10 |
| 5 | 2 | 0.75 | 0.83 | 10&10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ........ | 25 | 10 |
| 5 | 4.5 | 1 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ........ | ........ | 10 |
| 5 | 2.3 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ........ | ........ | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ........ | ........ | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | | cents | | cents | cents | $ c. | % |
| Caledonia | 30.39 | 33–66 | 60 | 2.3 | 1.2 | 0.83 | 10 |
| Campbellville | 57.17 | 33–66 | 40 | 6 | 2 | 2.22 | 10 |
| Cannington | 37.77 | 33–66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Cardinal | 31.82 | 33–66 | 50 | 3 | 1.5 | 1.39 | 10 |
| Carleton Place T | 31.83 | .......... | 50 | 4 | 1.5 | 0.83 | 10 |
| Cayuga | 47.38 | 33–66 | 45 | 5 | 2 | 1.66 | 10 |
| Chatham C | 30.13 | .......... | 60 | 3.3 | 1.1 | 0.83 | 10 |
| Chatsworth | 40.13 | 33–66 | 45 | 4 | 1.5 | 1.67 | 10 |
| Chesley | 32.89 | 33–66 | 55 | 2.8 | 1.5 | 1.11 | 10 |
| Chesterville | 36.12 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Chippawa | 25.99 | 33–66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Clifford | 52.73 | 33–66 | 50 | 5 | 2 | 1.66 | 10 |
| Clinton | 36.28 | 33–66 | 60 | 2.5 | 1.5 | 1.11 | 10 |
| Cobden | .......... | 33–66 | 30 | 6 | 2 | 2.22 | 10 |
| Cobourg T | 32.70 | .......... | 55 | 4 | 1.5 | 0.83 | 10 |
| Colborne | 35.33 | 33–66 | 60 | 5 | 1.5 | 0.83 | 10 |
| Coldwater | 33.89 | 33–66 | 55 | 2.5 | 1 | 1.11 | 10 |
| Collingwood T | 36.38 | 33–66 | 55 | 2.5 | 1 | 0.83 | 10 |
| Comber | 42.63 | 33–66 | 50 | 4 | 1.5 | 1.38 | 10 |
| Cookstown | 45.80 | 33–66 | 40 | 5.5 | 1.5 | 1.67 | 10 |
| Cottam | 42.48 | 33–66 | 50 | 4 | 1.5 | 1.66 | 10 |
| Courtright | 66.29 | 33–66 | 50 | 6 | 1.5 | 2.22 | 10 |
| Creemore | 52.01 | 33–66 | 45 | 4.5 | 1.5 | 1.66 | 10 |
| Dashwood | 44.46 | 33–66 | 45 | 4.5 | 1.5 | 1.11 | 10 |
| Delaware | 40.18 | 33–66 | 50 | 3.5 | 2 | 1.11 | 10 |
| Deseronto | 51.21 | 33–66 | 50 | 4.5 | 1.5 | 0.83 | 10 |
| Dorchester | 38.99 | 33–66 | 60 | 2.5 | 1.4 | 0.83 | 10 |
| Drayton | 52.94 | 33–66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Dresden | 41.06 | 33–66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| Drumbo | 37.55 | 33–66 | 50 | 3.5 | 1.5 | 1.11 | 10 |
| Dublin | 57.81 | 33–66 | 60 | 6 | 2 | 1.67 | 10 |
| Dundalk | 33.82 | 33–66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Dundas T | 26.22 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Dunnville T | 29.56 | 33–66 | 60 | 2.2 | 1.1 | 0.83 | 10 |
| Durham | 37.62 | 33–66 | 50 | 2.5 | 1.25 | 0.83 | 10 |
| Dutton | 36.03 | 33–66 | 60 | 2.3 | 1.1 | 0.83 | 10 |
| ‡East Windsor C | 31.31 | .......... | 60 | 3.6 | 1.2 | 0.83 | 10 |
| East York | 31.93 | 33–66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Elmira T | 32.58 | 33–66 | 60 | 3.2 | 1.3 | 0.83 | 10 |
| Elmvale | 37.40 | 33–66 | 55 | 3 | 1.25 | 0.83 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

‡A unit of the Windsor Utilities Commission.

## "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ............ | ........ | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ............ | ........ | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ............ | ........ | 10 |
| 5 | 3 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | min.3.33 | ........ | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ............ | 10 | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ............ | 10 | 10 |
| 5 | 4 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ............ | ........ | 10 |
| 5 | 2.8 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ............ | ........ | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | ............ | ........ | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ............ | ........ | 10 |
| 5 | 6 | 2 | †3.33 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min.2.78 | ........ | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ............ | 10 | 10 |
| 5 | 5 | 1 | 0.83 | 10 | 39.00 | 1.00 | 4.1 | 2.7 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ............ | 10 | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ............ | ........ | 10 |
| 5 | 5.5 | 1.5 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ............ | ........ | 10 |
| 5 | 4 | 1 | 1.66 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | min.2.22 | ........ | 10 |
| 7.5 | 6 | 1 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | ............ | ........ | 10 |
| 5 | 4.5 | 1 | 1.66 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ............ | ........ | 10 |
| 5 | 4.8 | 1 | 1.11 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ............ | ........ | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ............ | ........ | 10 |
| 5 | 4.5 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ............ | ........ | 10 |
| 5 | 3.5 | 0.75 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ............ | ........ | 10 |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ............ | ........ | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ............ | ........ | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.33 | 0.33 | ............ | ........ | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ............ | ........ | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ............ | 25 | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ............ | 10 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ............ | 10 | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ............ | 10 | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ............ | 10 | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ............ | 10 | 10 |
| 5 | 3.2 | 0.8 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ............ | ........ | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ............ | ........ | 10 |

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†According to consumers' demand.

## STATEMENT

## Cost of Power to Municipalities and Rates to Consumers for for the Year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | | cents | | cents | cents | $ c. | % |
| Elmwood | 39.40 | 33-66 | 45 | 5 | 1.5 | 1.39 | 10 |
| Elora | 34.02 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Embro | 43.08 | 33-66 | 55 | 3.2 | 1.5 | 1.67 | 10 |
| Erieau | 48.52 | 33-66 | 45 | 5 | 1.5 | 1.67 | 10 |
| Erie Beach | 59.84 | 33-66 | 50 | 7 | 2 | 1.94 | 10 |
| Essex | 34.35 | 33-66 | 60 | 2.5 | 1.2 | 0.83 | 10 |
| Etobicoke twp. | 28.01 | 33-66 | 60 | 2.3 | 1.3 | 0.83 | 10 |
| Exeter | 36.66 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Fergus | 32.69 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Finch | 50.80 | 33-66 | 40 | 3.5 | 1.5 | 1.66 | 10 |
| Flesherton | 42.29 | 33-66 | 55 | 3.25 | 1.5 | 1.11 | 10 |
| Fonthill | 33.72 | 33-66 | 55 | 3 | 1.5 | 1.38 | 10 |
| Forest | 43.51 | 33-66 | 55 | 3.3 | 1.3 | 1.11 | 10 |
| Fort William C | 22.56 | 33-66 | 50 | 2.5 | 1 | 0.83 | 10 |
| Galt C | 27.70 | .......... | 50<br>60 | 3.4 | 1.1 | 0.83 | 10 |
| Gamebridge | ......... | 33-66 | 45 | 5 | 1.5 | 1.67 | 10 |
| Georgetown T | 33.64 | 33-66 | 60 | 2.2 | 1.1 | 0.83 | 10 |
| Glencoe | 52.20 | 33-66 | 55 | 3.5 | 2 | 1.11 | 10 |
| Glen Williams | ......... | 33-66 | 60 | 3 | 1.5 | 0.83 | 10 |
| Goderich T | 41.41 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Grand Valley | 49.45 | 33-66 | 45 | 4.7 | 1.5 | 1.39 | 10 |
| Granton | 51.97 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Gravenhurst | 22.77 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Guelph C | 27.39 | 33-33 | 60 | 2 | 1 | 0.83 | 10 |
| Hagersville | 32.63 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Hamilton C | 24.94 | .......... | 60 | 3.1 | 1 | 0.83 | 10 |
| Hanover T | 29.65 | 33-66 | 55 | 2.5 | 1.5 | 0.83 | 10 |
| Harriston | 40.14 | 33-66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Harrow | 36.59 | 33-66 | 55 | 2.8 | 1.3 | 0.83 | 10 |
| Hastings | 43.72 | 33-66 | 45 | 4.5 | 1.5 | 1.66 | 10 |
| Havelock | 49.13 | 33-66 | 50 | 5 | 1.5 | 0.83 | 10 |
| Hensall | 44.78 | 33-66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Hespeler T | 28.03 | ........ | 60 | 3.6 | 1.5 | 0.83 | 10 |
| Highgate | 44.57 | 33-66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Holstein | 92.39 | 33-66 | 40 | 6 | 2 | 1.67 | 10 |
| Humberstone | 28.19 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Huntsville T | 26.31 | 33-66 | 55 | 2.5 | 1 | 0.83 | 10 |
| Ingersoll T | 29.37 | 33-66 | 60 | 2 | 1.2 | 0.83 | 10 |
| Jarvis | 40.49 | 33-66 | 50 | 4 | 2 | 1.11 | 10 |
| Kemptville | 36.47 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

## "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 5 | 1 | 1.39 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ............... | ........... | 10 |
| 5 | 3.2 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ............... | ........... | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min.2.22 | ........... | 10 |
| 5 | 7 | 1 | 1.94 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ............... | ........... | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ............... | ........... | 10 |
| 5 | 2.3 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ............... | 10 | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ............... | ........... | 10 |
| 5 | 3.5 | 1 | 1.94 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ............... | ........... | 10 |
| 5 | 3.25 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 0.75 | 1.38 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ............... | ........... | 10 |
| 5 | 3.3 | 0.75 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ............... | ........... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.75 | 1 | 0.1 | ............... | ........... | 10 |
| 5 | 2.5 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ............... | 10 | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ............... | ........... | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ............... | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ............... | ........... | 10 |
| 5 | 4.7 | 1 | 1.39 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ............... | ........... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ............... | 25 | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ............... | 25 | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ............... | 10 | 10 |
| .......... | †3.5<br>††1.75 | 0.35 | 0.83 | 10 | 20.00 | 1.00 | 1.67 | 1.11 | 0.133 | ............... | 10 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ............... | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2.0 | 0.33 | ............... | ........... | 10 |
| 5 | 2.8 | 1 | 0.83 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | ............... | ........... | 10 |
| 5 | 4.5 | 1 | 1.66 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | ............... | ........... | 10 |
| 5 | 5 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ............... | ........... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ............... | ........... | 10 |
| 5 | 2.7 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ............... | 10 | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ............... | ........... | 10 |
| 5 | 6 | 2 | 1.67 | 10 | 74.00 | 1.00 | 9.3 | 6.2 | 0.33 | ............... | ........... | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ............... | ........... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ............... | ........... | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ............... | 10 | 10 |
| 5 | 4 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ............... | ........... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ............... | ........... | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate: Number of kw-hrs. per month | First rate: Per kw-hr. per month | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | $ c. | cents | | cents | cents | $ c. | % |
| Kincardine T | 42.38 | 33–66 | 40 | 4 | 2 | 1.11 | 10 |
| Kingston C | 24.00–36.00 | 33–66 | 50 | 2 | 1 | 0.83 | 10 |
| Kingsville T | 37.05 | ........... | 60 | 3.6 | 1.2 | 0.83 | 10 |
| Kirkfield | 52.16 | 33–66 | 40 | 6 | 2 | 2.22 | 10 |
| Kitchener C | 27.24 | ........... | 60 | 2.8 | 1.1 | 0.83 | 10 |
| Lakefield | 42.31 | 33–66 | 50 | 3 | 2 | 0.83 | 10 |
| Lambeth | 40.76 | 33–66 | 50 | 3.5 | 1.5 | 1.11 | 10 |
| Lanark | 39.70 | 33–66 | 50 | 4 | 2 | 0.83 | 10 |
| Lancaster | 66.42 | 33–66 | 60 | 6 | 2 | 1.94 | 10 |
| La Salle | 35.45 | ........... | 60 | 4 | 1.5 | 1.11 | 10 |
| Leamington T | 36.69 | ........... | 60 | 3.2 | 1.2 | 0.83 | 10 |
| Leaside | ......... | *3 | .... | **2 | 1.5 | 0.83 | 10 |
| Lindsay T | 35.12 | 33–66 | 40 | 3 | 1.5 | 0.83 | 10 |
| Listowel T | 34.78 | 33–66 | 60 | 2.5 | 1.25 | 1.11 | 10 |
| London C | 26.82 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| London twp. | 32.65 | ........... | 60 | 3.5 | 1 | 1.11 | 10 |
| Long Branch | 28.52 | 33–66 | 60 | 2.3 | 1.3 | 0.83 | 10 |
| Lucan | 36.06 | 33–66 | 55 | 3.2 | 1.3 | 1.11 | 10 |
| Lucknow | 48.47 | 33–66 | 45 | 4.5 | 1.5 | 1.67 | 10 |
| Lynden | 33.04 | 33–66 | 55 | 3.5 | 1.5 | 1.38 | 10 |
| Madoc | 40.93 | 33–66 | 50 | 3.5 | 1.5 | 0.83 | 10 |
| Markdale | 34.83 | 33–66 | 55 | 2.8 | 1.4 | 1.11 | 10 |
| Markham | 34.70 | 33–66 | 55 | 3.3 | 1.3 | 1.11 | 10 |
| Marmora | 39.93 | 33–66 | 60 | 5 | 1.5 | 1.11 | 10 |
| Martintown | 43.74 | 33–66 | 40 | 5 | 2 | 1.66 | 10 |
| Maxville | 52.24 | 33–66 | 60 | 6 | 2 | 1.66 | 10 |
| Meaford T | 37.57 | 33–66 | 60 | 2.5 | 1.2 | 0.83 | 10 |
| Merlin | 41.49 | 33–66 | 50 | 4 | 1.5 | 1.11 | 10 |
| Merritton T | 23.77 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Midland T | 28.79 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Mildmay | 43.94 | 33–66 | 40 | 4 | 1.5 | 1.39 | 10 |
| Milton | 34.90 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Milverton | 34.54 | 33–66 | 60 | 3 | 1.5 | 1.11 | 10 |
| Mimico T | 26.55 | 33–66 | 60 | 2.4 | 1.2 | 0.83 | 10 |
| Mitchell | 34.08 | 33–33 | 60 | 2.5 | 1.5 | 0.83 | 10 |
| Moorefield | 61.42 | 33–66 | 50 | 4.5 | 2 | 1.39 | 10 |
| Mount Brydges | 39.39 | 33–66 | 55 | 2.8 | 1.3 | 1.11 | 10 |
| Mount Forest | 42.63 | 33–66 | 60 | 2.25 | 1.25 | 0.83 | 10 |
| Napanee T | 32.93 | ........... | 50 | 4.5 | 1.8 | 0.83 | 10 |
| Neustadt | 62.47 | 33–66 | 60 | 6 | 2 | 1.67 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hrs. per 100 sq. ft.

## "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 4 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.5 | 1 | 0.33 | | 10 | 10 |
| 5 | 2.6 | 0.75 | 0.83 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | | 25 | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | | | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.78 | 10 | 69.00 | 1.00 | 8.6 | 5.7 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| | §4 & 2 | 1 | 0.83 | 10 | 23.28 | 1.00 | 1.8 | 1.1 | 0.33 | | | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 0.75 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 2.8 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2.3 | 0.7 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | | 10 | 10 |
| 5 | 3.2 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.67 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 3.5 | 1.5 | 0.83 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 4 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 2.8 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 3.3 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 5 | 1 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | min.2.22 | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | | 25 | 10 |
| 5 | 4 | 1 | 1.39 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 4.5 | 1 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 2.8 | 0.75 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | | | 10 |
| 5 | 2.25 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |

§First 70 hours' use 4 cents per kw-hr.
Next 70 hours' use 2 cents per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the Year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate | | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | | | Number of kw-hrs. per month | Per kw-hr. per month | | | |
| | $ c. | cents | | cents | cents | $ c. | % |
| Newbury | 49.46 | 33–66 | 45 | 5 | 1.5 | 1.38 | 10 |
| New Hamburg | 34.87 | 33–66 | 60 | 3 | 1.5 | 0.83 | 10 |
| New Toronto T | 28.26 | 33–66 | 60 | 2 | 1.1 | 0.83 | 10 |
| Niagara Falls C | 22.00 | ........... | 60 | 3 | 1 | 0.83 | 10 |
| Niagara-on-the-Lake | 25.97 | 33–66 | 60 | 2.5 | 1.25 | 0.83 to 1.11 | 10 |
| Nipigon twp. | 26.65 | 33–66 | 55 | 3.5 | 1.25 | 1.39 | 10 |
| North York twp. | 32.12 | 33–66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Norwich | 34.09 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Norwood | 38.57 | 33–66 | 50 | 4.5 | 1.5 | 1.11 | 10 |
| Oil Springs | 41.08 | 33–66 | 50 | 3.5 | 1.5 | 1.11 | 10 |
| Omemee | ......... | 33–66 | 60 | 4 | 1.5 | 1.11 | 10 |
| Orangeville T | 41.73 | 33–66 | 55 | 2.8 | 1.4 | 1.11 | 10 |
| Oshawa C | 32.16 | ........... | 45 | 5 | 1.5 | 0.83 | 10 |
| Ottawa C | 13.94 | 33–66 | 60<br>60 | 2<br>1 | 0.5 | 0.83 | 10 |
| Otterville | 40.98 | 33–66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Owen Sound C | 29.90 | ........... | 60 | 2.9 | 1 | 0.83 | 10 |
| Paisley | 50.21 | 33–66 | 45 | 5 | 1.5 | 1.39 | 10 |
| Palmerston | 37.23 | 33–66 | 60 | 2.7 | 1.5 | 1.11 | 10 |
| Paris T | 28.50 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Parkhill | 54.80 | 33–66 | 50 | 4.5 | 2 | 1.38 | 10 |
| Penetanguishene T | 33.95 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Perth T | 28.90 | 33–66 | 55 | 2.5 | 1 | 0.83 | 10 |
| Peterborough C | 27.84 | 33–66 | 50 | 2.5 | 1.25 | 0.83 | 10 |
| Petrolia T | 37.30 | 33–66 | 60 | 2.4 | 1.1 | 0.83 | 10 |
| Picton T | 41.46 | ........... | 60 | 3.7 | 1.25 | 0.83 | 10 |
| Plattsville | 46.36 | 33–66 | 45 | 5 | 2 | 1.66 | 10 |
| Point Edward | 35.27 | ........... | 60 | 3.7 | 1.3 | 0.83 | 10 |
| Port Arthur C | 21.90 | 33–66 | 30 | 2 | 1 | 0.83 | 10 & 10 |
| Port Colborne T | 27.99 | 33–66 | 60 | 2.8 | 1.25 | 0.83 | 10 |
| Port Credit | 33.06 | 33–66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Port Dalhousie | 29.49 | 33–66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Port Dover | 35.40 | 33–66 | 50 | 2.6 | 1.2 | 0.83 | 10 |
| Port Elgin | 41.74 | 33–66 | 40 | 2.5 | 1.2 | 1.11 | 10 |
| Port Hope T | 34.01 | 33–66 | 60 | 3.5 | 1.5 | 0.83 | 10 |
| Port McNicoll | 33.32 | 33–66 | 50 | 3.5 | 1.5 | 0.83 | 10 |
| Port Perry | 43.29 | 33–66 | 50 | 3.5 | 1.25 | 1.11 | 10 |
| Port Rowan | 49.50 | 33–66 | 60 | 6 | 2 | 1.66 | 10 |
| Port Stanley | 35.37 | 33–66 | 55 | 2.9 | 1.4 | 0.83 | 10 |
| Prescott T | 27.24 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Preston T | 27.59 | ........... | 60 | 3.4 | 1 | 0.83 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

## "E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 5 | 1 | 1.38 | 10 | 53.00 | 1.00 | 6.2 | 4.1 | 0.33 | ... | ... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ... | ... | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ... | 10 | 10 |
| 5 | 2 | 0.35 | 0.83 | 10 | 15.00 | 1.00 | 1.3 | 0.8 | 0.33 | ... | 25 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | min.2.00 | ... | 10 |
| 5 | 3.5 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | ... | ... | 10 |
| 5 | 3.5 | 0.75 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | ... | ... | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 4.5 | 1 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | ... | ... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 34.00 | 1.00 | 3.4 | 2.2 | 0.33 | ... | ... | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | ... | ... | 10 |
| 5 | 2.8 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ... | 10 | 10 |
| ... | †5<br>††2.2 | 0.5 | 0.83 | 10 | 20.00 | 1.00 | 1.8 | 1.2 | 0.15 | ... | 15 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | ... | ... | 10 |
| 5 | 2.2 | 1 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ... | 25 | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | ... | ... | 10 |
| 5 | 2.7 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | ... | 25 | 10 |
| 5 | 4.5 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | ... | ... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ... | 10 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | ... | 10 | 10 |
| 5 | 2.5 | 1.25 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ... | 10 | 10 |
| 5 | 2.4 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | ... | ... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | ... | 10 | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | min.2.00 | ... | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | ... | ... | 10 |
| 5 | 2 | 0.5 | 0.83 | 10& 10 | 22.00 | 1.00 | 1.75 | 1 | 0.1 | ... | ... | 10 |
| 5 | 2.8 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | ... | ... | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | ... | 10 | 10 |
| 5 | 2.6 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 2.5 | 0.8 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | ... | ... | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | ... | 10 | 10 |
| 5 | 3.5 | 1 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | ... | ... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | ... | ... | 10 |
| 5 | 6 | 2 | 1.66 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | ... | ... | 10 |
| 5 | 2.9 | 0.75 | 0.83 | 10 | 37.00 | 1.00 | 3.8 | 2.5 | 0.33 | min.1.11 | ... | 10 |
| 5 | 2 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | ... | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | ... | 25 | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate: Number of kw-hrs. per month | First rate: Per kw-hr. per month | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | $ c. | cents | | cents | cents | $ c. | % |
| Priceville | 53.36 | 33–66 | 60 | 6 | 2 | 1.67 | 10 |
| Princeton | 41.14 | 33–66 | 50 | 3.5 | 1.5 | 1.66 | 10 |
| Queenston | 27.51 | 33–66 | 65 | 3 | 1.5 | 1.38 | 10 |
| Richmond | 56.19 | 33–66 | 35 | 6 | 2 | 1.95 | 10 |
| Richmond Hill | 33.48 | 33–66 | 60 | 2 | 1 | 0.83 | 10 |
| Ridgetown | 36.63 | 33–66 | 60 | 2.2 | 1.25 | 0.83 | 10 |
| Ripley | 65.54 | 33–66 | 55 | 6 | 1.5 | 1.67 | 10 |
| Riverside T | 32.81 | ........... | 55 | 4.2 | 1.5 | 0.83 | 10 |
| Rockwood | 36.93 | 33–66 | 60 | 2.7 | 1.25 | 1.11 | 10 |
| Rodney | 48.52 | 33–66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Rosseau | 83.89 | *33 | .... | 8 | 2 | *2.22 | 10 |
| Russell | 50.62 | 33–66 | 50 | 6 | 2 | 1.39 | 10 |
| St. Catharines C | 23.64 | 33–66 | 30–60 | 2 | 1 | 0.83 | 10 |
| St. Clair Beach | 36.35 | ........... | 55 | 5.2 | 1.75 | 1.66 | 10 |
| St. George | 35.81 | 33–66 | 55 | 3 | 1.25 | 1.11 | 10 |
| St. Jacobs | 32.99 | 33–66 | 60 | 3 | 1.5 | 1.11 | 10 |
| St. Marys T | 34.25 | ........... | 60 | 4.1 | 1.5 | 1.11 | 10 |
| St. Thomas C | 28.22 | ........... | 60 | 2.6 | 1 | 0.83 | 10 |
| †Sandwich T | 31.62 | ........... | 60 | 3.6 | 1.2 | 0.83 | 10 |
| Sarnia C | 31.94 | ........... | 60 | 3.5 | 1.1 | 0.83 | 10 |
| Scarboro twp. | 30.69 | 33–33 | 60 | 2.6 | 1.3 | 0.83 | 10 |
| Seaforth | 34.05 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Shelburne | 38.22 | 33–66 | 50 | 3 | 1.5 | 1.11 | 10 |
| Simcoe T | 29.67 | 33–66 | 60 | 2 | 1.25 | 0.83 | 10 |
| Smiths Falls T | 26.63 | ......... | 55 | 3.7 | 1.5 | 0.83 | 10 |
| Southampton | 41.68 | 33–66 | 40 | 3 | 1.5 | 1.11 | 10 |
| Springfield | 45.62 | 33–66 | 55 | 3.5 | 1.5 | 1.11 | 10 |
| Stamford twp. | 24.33 | 33–66 | 60 | 2.25 | 1.25 | 0.83 | 10 |
| Stayner | 36.89 | 33–66 | 55 | 2.5 | 1.25 | 0.83 | 10 |
| Stirling | 27.57 | 33–66 | 45 | 2.5 | 1.25 | 0.83 | 10 |
| Stouffville | 42.37 | 33–66 | 55 | 3.2 | 1.3 | 1.11 | 10 |
| Stratford C | 29.25 | ........... | 60 | 3.4 | 1.25 | 0.83 | 10 |
| Strathroy T | 31.09 | ........... | 60 | 3.2 | 1.25 | 0.83 | 10 |
| Streetsville | 38.17 | 33–66 | 50<br>50 | 4<br>2 | 1 | 0.83 | 10 |
| Sunderland | 51.15 | 33–66 | 45 | 5 | 1.25 | 1.39 | 10 |
| Sutton | 47.35 | 33–33 | 50 | 4 | 2 | 1.11 | 10 |
| Tara | 38.42 | 33–66 | 40 | 4 | 2 | 1.11 | 10 |
| Tavistock | 33.57 | 33–66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Tecumseh T | 34.71 | ........... | 55 | 4.7 | 1.75 | 1.11 | 10 |
| Teeswater | 48.40 | 33–66 | 60 | 5 | 1.5 | 1.39 | 10 |
| Thamesford | 37.34 | 33–66 | 60 | 2.4 | 1.2 | 1.11 | 10 |
| Thamesville | 36.50 | ...... ..... | 60 | 3 | 1.2 | 0.83 | 10 |
| Thedford | 61.66 | 33–66 | 50 | 5 | 2 | 1.66 | 10 |
| Thorndale | 58.14 | 33–66 | 50 | 4 | 2 | 1.38 | 10 |
| Thornton | 53.68 | 33–66 | 60 | 6 | 2 | 1.67 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

*According to consumers' demand.

†A unit of the Windsor Utilities Commission.

"E"—Continued

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 6 | 1 | 1.67 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.38 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 6 | 1 | 2.22 | 10 | 60.00 | 1.00 | 7.2 | 4.8 | 0.33 | | | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | | 10 | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 3 | 0.8 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.7 | 0.75 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 0.83 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 8 | 2 | 2.22 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.94 | 10 | 56.00 | 1.00 | 6.6 | 4.4 | 0.33 | | | 10 |
| | †3.5<br>††1.75 | 0.35 | 0.83 | 10 | 17.00 | 1.00 | 1.67 | 1.13 | 0.16 | | 25 | 10 |
| 5 | 5 | 1 | 1.66 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 3 | 0.75 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | | 10 | 10 |
| 5 | 2.4 | 0.6 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | | 10 | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.7 | 1 | 0.83 | 10 | 26.00 | 1.00 | 2.2 | 1.4 | 0.33 | | | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | | | 10 |
| 5 | 2.25 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | | 25 | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | | | 10 |
| 5 | 3.2 | 1 | 1.11 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | | | 10 |
| 5 | 2.3 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 27.00 | 1.00 | 2.3 | 1.5 | 0.33 | | | 10 |
| Same as domestic | | | | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | | | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | | | 10 |
| 5 | 3.5 | 0.8 | 1.11 | 10 | 32.00 | 1.00 | 3.1 | 2 | 0.33 | | | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | | | 10 |
| 5 | 2.4 | 0.75 | 1.11 | 10 | 29.00 | 1.00 | 2.6 | 1.7 | 0.33 | | | 10 |
| 5 | 2.4 | 0.75 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | | | 10 |
| 7.5 | 5 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | | | 10 |
| 5 | 4 | 1 | 1.38 | 10 | 48.00 | 1.00 | 5.4 | 3.6 | 0.33 | | | 10 |
| 5 | 6 | 1 | 1.67 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | | | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.

## STATEMENT

### Cost of Power to Municipalities and Rates to Consumers for for the year 1935, in Urban Municipalities

| Municipality<br>C—City<br>T—Town<br>(pop. 2,000 or more) | Annual cost to the Commission on the works to serve electrical energy to municipality on a horse-power basis | Domestic service | | | | | |
|---|---|---|---|---|---|---|---|
| | | Service charge per month | First rate: Number of kw-hrs. per month | First rate: Per kw-hr. per month | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount |
| | $ c. | cents | | cents | cents | $ c. | % |
| Thorold T | 25.11 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Tilbury | 35.55 | 33-66 | 60 | 2.2 | 1.2 | 0.83 | 10 |
| Tillsonburg T | 32.03 | 33-66 | 60 | 2 | 1.2 | 0.83 | 10 |
| Toronto C | 26.43 | *3 | .... | **2 | 1 | 0.83 | 10 |
| Toronto twp | 31.25 | 33-66 | 55 | 2.7 | 1.3 | 1.11 | 10 |
| Tottenham | 87.77 | 33-66 | 30 | 7 | 2 | 1.67 | 10 |
| Trafalgar tp., Area 1 | ......... | 55 | 60 | 3.5 | 2 | 1.11 | 10 |
| Trafalgar tp., Area 2 | ......... | 44-66 | 55 | 3.5 | 2 | 1.38 | 10 |
| Trenton T | 25.35 | ......... | 50 | 3.5 | 1.2 | 0.83 | 10 |
| Tweed | 52.42 | 33-33 | 50 | 5.5 | 1.5 | 1.11 | 10 |
| Uxbridge | 44.53 | 33-66 | 50 | 3.5 | 1.5 | 1.11 | 10 |
| Victoria Harbour | 37.06 | 33-66 | 55 | 3 | 1.5 | 1.11 | 10 |
| Walkerton T | 31.41 | 33-66 | 50 | 3 | 1.2 | 1.11 | 10 |
| ‡Walkerville T | 28.95 | ......... | 60 | 3.6 | 1.2 | 0.83 | 10 |
| Wallaceburg T | 34.62 | 33-66 | 60 | 2.5 | 1.2 | 0.83 | 10 |
| Wardsville | 57.81 | 33-66 | 40 | 6 | 2 | 1.66 | 10 |
| Warkworth | 42.15 | 33-66 | 50 | 5 | 1.5 | 1.39 | 10 |
| Waterdown | 32.14 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Waterford | 30.61 | 33-66 | 60 | 2 | 1 | 0.83 | 10 |
| Waterloo T | 28.23 | 33-66 | 60 | 2 | 1.25 | 0.83 | 10 |
| Watford | 45.65 | ......... | 55 | 4.5 | 1.5 | 1.11 | 10 |
| Waubaushene | 36.83 | 33-66 | 55 | 2.5 | 1 | 1.11 | 10 |
| Welland C | 24.72 | ......... | 60 | 3.1 | 1.2 | 0.83 | 10 |
| Wellesley | 45.78 | 33-66 | 50 | 4 | 2 | 1.11 | 10 |
| Wellington | 39.07 | 33-66 | 50 | 2.5 | 1.25 | 0.83 | 10 |
| West Lorne | 40.89 | 33-66 | 55 | 2.8 | 1.3 | 0.83 | 10 |
| Weston T | 27.03 | ......... | 60 | 3 | 1 | 0.83 | 10 |
| Westport | 66.59 | 33-66 | 35 | 6 | 2 | 2.50 | 10 |
| Wheatley | 49.96 | 33-66 | 50 | 4 | 1.5 | 1.39 | 10 |
| Whitby T | 32.03 | ......... | 60 | 3.2 | 1.1 | 0.83 | 10 |
| Wiarton | 56.69 | 33-66 | 40 | 5 | 2 | 1.67 | 10 |
| Williamsburg | 29.44 | 33-66 | 60 | 2.5 | 1.3 | 1.11 | 10 |
| Winchester | 33.19 | 33-66 | 60 | 2.5 | 1.25 | 0.83 | 10 |
| Windermere | 56.53 | ¶33 | ......... | 8 | 2 | ¶2.22 | 10 |
| ‡Windsor C | 28.82 | ......... | 60 | 3.6 | 1.2 | 0.83 | 10 |
| Wingham | 48.65 | ......... | 50 | 4 | 1.5 | 1.11 | 10 |
| Woodbridge | 31.80 | 33-66 | 55 | 3 | 1.5 | 0.83 | 10 |
| Woodstock C | 28.28 | ......... | 60 | 2.8 | 1 | 0.83 | 10 |
| Woodville | 50.03 | 33-66 | 50 | 4 | 1.25 | 1.11 | 10 |
| Wyoming | 48.78 | 33-66 | 50 | 4.5 | 1.5 | 1.38 | 10 |
| Yorktp. (inc. Swansea and Forest Hill) | ......... | 33-66 | 60 | 2 | 1.3 | 0.83 | 10 |
| Zurich | 56.70 | 33-66 | 50 | 4.5 | 2 | 1.38 | 10 |

NOTE.—Domestic service charge—33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when over 2,000 watts.

‡A unit of the Windsor Utilities Commission.

*Service charge per 100 sq. ft.

**Per kw-hr. for first 3 kw-hrs. per 100 sq. ft.

¶According to consumers' demand.

## "E"—Concluded

## Domestic Service—Commercial Light Service—Power Service Served by The Hydro-Electric Power Commission

| Commercial Light service | | | | | Power service | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Service charge per 100 watts min. 1,000 watts | First 100 hrs. per month per kw-hr. | All additional per kw-hr. | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand | Service charge per h.p. per month | First 50 hr. per month per kw-hr. | Second 50 hr. per month per kw-hr. | All additional per kw-hr. | Minimum or maximum per h.p. per month | Local discount | Prompt payment discount |
| cents | cents | cents | $ c. | % | $ c. | $ c. | cents | cents | cents | $ c. | % | % |
| 5 | 2 | 0.5 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | .............. | 25 | 10 |
| 5 | 2.2 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | .............. | 10 | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 24.00 | 1.00 | 2.3 | 1.5 | 0.33 | .............. | 10 | 10 |
| ........... | §4 & 2 | 1 | 0.83 | 10 | ........... | *a* D.C. | 2.5 | 1.25 | 0.60 | .............. | .......... | 10 |
| | | | | | | *b* A.C. | 1.5 | 0.75 | 0.33 | .............. | .......... | 10 |
| 5 | 2.7 | 0.7 | 1.11 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | .............. | 10 | 10 |
| 5 | 7 | 1 | 1.67 | 10 | 45.00 | 1.00 | 4.9 | 3.3 | 0.33 | .............. | .......... | 10 |
| ........... | †8 | 1 | 1.11 | 10 | 37.00 | 1.00 | 3.5 | 2.3 | 1 | .............. | .......... | 10 |
| | ††4 | | | | | | | | | | | |
| 5 | 3.5 | 1.5 | 1.38 | 10 | 38.00 | 1.00 | 3.5 | 2.3 | 1.5 | .............. | .......... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | .............. | .......... | 10 |
| 5 | 5.5 | 1 | 1.11 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | .............. | .......... | 10 |
| 5 | 3.5 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | .............. | .......... | ....10 |
| 5 | 3 | 1 | 1.11 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | .............. | .......... | 10 |
| 5 | 3 | 1 | 1.11 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | .............. | 10 | 10 |
| 5 | 2.5 | 0.7 | 0.83 | 10 | 25.00 | 1.00 | 2 | 1.3 | 0.33 | .............. | .......... | 10 |
| 5 | 6 | 1 | 1.66 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | .............. | .......... | 10 |
| 5 | 5 | 1 | 1.39 | 10 | 44.50 | 1.00 | 4.9 | 3.3 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 0.75 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | .............. | .......... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 20.00 | 1.00 | 1.6 | 1 | 0.33 | .............. | 10 | 10 |
| 5 | 2.25 | 1 | 0.83 | 10 | 19.00 | 1.00 | 2 | 1.4 | 0.33 | .............. | 25 | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 42.00 | 1.00 | 4.6 | 3 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 33.00 | 1.00 | 3.2 | 2.1 | 0.33 | .............. | .......... | 10 |
| 5 | 2.2 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | .............. | 25 | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | .............. | .......... | 10 |
| 5 | 2.8 | 1 | 0.83 | 10 | 30.00 | 1.00 | 2.8 | 1.8 | 0.33 | .............. | .......... | 10 |
| 5 | 2 | 0.6 | 0.83 | 10 | 18.00 | 1.00 | 1.9 | 1.2 | 0.33 | .............. | 25 | 10 |
| 5 | 6 | 1 | 2.50 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | .............. | .......... | 10 |
| 5 | 4 | 1 | 1.39 | 10 | 40.00 | 1.00 | 4.3 | 2.8 | 0.33 | .............. | .......... | 10 |
| 5 | 2.6 | 0.9 | 0.83 | 10 | 28.00 | 1.00 | 2.5 | 1.6 | 0.33 | .............. | .......... | 10 |
| 5 | 5 | 1 | 1.67 | 10 | 43.00 | 1.00 | 4.7 | 3.1 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 1 | 1.11 | 10 | 55.00 | 1.00 | 6.5 | 4.3 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 1 | 0.83 | 10 | 36.00 | 1.00 | 3.7 | 2.4 | 0.33 | min.2.22 | .......... | 10 |
| 5 | 8 | 2 | 2.22 | 10 | 58.00 | 1.00 | 6.9 | 4.6 | 0.33 | .............. | .......... | 10 |
| 5 | 2.5 | 0.8 | 0.83 | 10 | 23.00 | 1.00 | 2.1 | 1.4 | 0.33 | .............. | 10 | 10 |
| 5 | 3.5 | 0.8 | 1.11 | 10 | 38.00 | 1.00 | 4 | 2.6 | 0.33 | .............. | .......... | 10 |
| 5 | 3 | 1 | 0.83 | 10 | 22.00 | 1.00 | 1.9 | 1.3 | 0.33 | .............. | 10 | 10 |
| 5 | 2 | 0.5 | 0.83 | 10 | 17.00 | 1.00 | 1.7 | 1.1 | 0.33 | .............. | 25 | 10 |
| 5 | 4 | 1 | 1.11 | 10 | 35.00 | 1.00 | 3.5 | 2.3 | 0.33 | .............. | .......... | 10 |
| 5 | 4.5 | 1 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | .............. | .......... | 10 |
| 5 | 2 | 0.75 | 0.83 | 10 | 21.00 | 1.00 | 1.8 | 1.1 | 0.33 | .............. | 10 | 10 |
| 5 | 4.5 | 1 | 1.38 | 10 | 50.00 | 1.00 | 5.7 | 3.8 | 0.33 | min.2.77 | .......... | 10 |

†First 30 hours' use per kw-hr.
††Next 70 hours' use per kw-hr.
§First 70 hours' use 4 cents per kw-hr.
Next 70 hours' use 2 cents per kw-hr.
*a.* D.C. Service charge $1.35 per h.p. for first 10 h.p., plus $1.00 per h.p. for additional h.p.
*b.* A.C. Service charge $1.25 per h.p. for first 10 h.p., plus $1.00 per h.p. for additional h.p.

# APPENDIX I

## ACTS

### CHAPTER 53.

### An Act to declare the law with respect to The Hydro-Electric Power Commission of Ontario and with respect to certain invalid contracts

*Assented to April 18th, 1935.*

WHEREAS The Hydro-Electric Power Commission of Ontario was created a body corporate without capital to serve the interests of the people of Ontario and to supply such power or energy as the municipalities and the people of the said Province might require; and whereas it never was the intention of the Legislature of Ontario that the said Commission should have authority to impose financial and other obligations without consent upon the said municipal corporations, power users and taxpayers of the Province; and whereas in the year 1926 and subsequently The Hydro-Electric Power Commission of Ontario and certain corporations hereinafter more particularly referred to, did, without the consent of the said municipalities, or the ratepayers thereof, contrary to the rights of the said municipalities under existing contracts with the said Commission, and contrary to *The Power Commission Act,* and without regard to the provisions of *The British North America Act,* purport to obligate the said Commission by divers contracts to purchase over long periods of time large quantities of power generated without the Province of Ontario regardless of whether or not the said power was desired or could be used by the said municipalities; and whereas the said Commission has made payments of large sums of money under the said alleged contracts and has illegally charged the cost of the same against certain municipal corporations, and has thereby so increased the cost of power as to threaten industry within the Province and to cause unemployment; and whereas it is desirable to declare the law; Preamble.

Now, therefore, His Majesty, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Short title.

**1.** This Act may be cited as *The Power Commission Act, 1935.*

Certain contracts declared illegal, void and unenforceable.

**2.** The said contracts, as hereinafter set forth, are hereby declared to be and always to have been illegal, void and unenforceable as against The Hydro-Electric Power Commission of Ontario, such contracts being as follows:

(*a*) Between the said Commission and Gatineau Power Company, five contracts bearing date the 19th day of May, 1926, and one contract bearing date the 27th day of July, 1926, set out in Schedule "A," hereto;

(*b*) Between the said Commission and Gatineau Power Company, two contracts bearing date the 28th day of December, 1927, set out in Schedule "B" hereto;

(*c*) Between the said Commission and Beauharnois Light, Heat and Power Company, one contract bearing date the 29th day of November, 1929, set out in Schedule "C" hereto;

(*d*) Between the said Commission and Chats Falls Power Company, also known as Ottawa Valley Power Company, one contract dated the 15th day of February, 1930, and one contract dated the 24th day of February, 1931, known respectively as the "Power Contract" and the "Operating Contract," set out in Schedule "D" hereto;

(*e*) Between the said Commission and James McLaren Company, Limited, one contract dated the 20th day of December, 1930, and one contract dated the 14th day of January, 1931, set out in Schedule "E" hereto.

Action not to be brought against Commission.

**3.** No action or other proceeding shall be brought, maintained or proceeded with against the said Commission founded upon any contract by this Act declared to be void and unenforceable, or arising out of the performance or non-performance of any of the terms of the said contracts.

Contracts,—authority to enter into.

**4.** The said Commission may from time to time pay for such power as it deems advisable, and may, with the approval of the Lieutenant-Governor in Council enter into contracts therefor, and may distribute the cost thereof and all proper charges incidental thereto as determined by it among such municipalities and in such proportions as it may deem equitable, and all distribution as to such costs and charges for power heretofore purchased are validated and confirmed.

Powers of Commission.

**5.** The powers by this Act conferred on the said Commission shall be supplementary to the powers conferred on the said Commission by any other Statute.

Commencement of Act.

**6.** This Act shall come into force on a day to be named by the Lieutenant-Governor by his Proclamation.

# SCHEDULE "A"

## BETWEEN THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

—AND THE—

## GATINEAU POWER COMPANY

1. Agreement, 19th of May, 1926.
2. Agreement, 19th of May, 1926.
3. Agreement, 19th of May, 1926.
4. Agreement, 19th of May, 1926.
5. Agreement, 19th of May, 1926.
6. Agreement, 27th of July, 1926.

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This Indenture dated the "19th day of May," A.D. 1926.

By and Between:

The Hydro-Electric Power Commission of Ontario,
hereinafter called the Commission,

—and—

Gatineau Power Company, a Quebec Corporation,
hereinafter called the Company:

Witnesseth That

Whereas the Commission, acting under *The Power Commission Act*, R.S.O. 1914, Chapter 39 and Amendments thereto, is authorized to enter into an agreement for a supply of electrical power or energy to the Commission;

And whereas the Company is duly incorporated under laws of the Province of Quebec, and is carrying on business or proposes so to do for the production and sale of electrical power or energy in the said Province of Quebec;

And whereas the Company is prepared to deliver electrical power or energy from its pending and future developments on the Gatineau River in the Province of Quebec to the Commission at the interprovincial boundary on the Ottawa River, at or near Chats Falls, and is willing to enter into an agreement with the Commission for such purposes;

Now therefore this Indenture witnesseth:

That for the consideration herein contained, the parties hereby covenant, promise and agree as follows:

1. The Company agrees:

(*a*) To keep available for delivery to the Commission and deliver when and as required by the Commission on the first day of October, 1928, and thereafter so long as this Agreement shall continue in force eighty thousand (80,000) horsepower of electrical power or energy, on the conditions herein contained. Eighty Thousand (80,000) horsepower shall be the contract demand until such contract demand is increased as provided in sub-clause (*b*) next following:

1. (*b*) To keep available for delivery to the Commission and deliver when and as required by the Commission on the first day of October, 1929, and thereafter so long as this Agreement shall continue in force, an additional amount of fifty thousand (50,000) horsepower of electrical power or energy, on the conditions herein contained, making a total contract demand of one hundred and thirty thousand (130,000) horsepower until such contract demand is increased as provided in sub-clause (*c*) next following.

1. (*c*) To keep available for delivery to the Commission and deliver when and as required by the Commission on the first day of October, 1930, and thereafter so long as this Agreement shall continue in force, an additional amount of thirty thousand (30,000) horsepower of electrical power or energy on the conditions herein contained, making a total contract demand of one hundred and sixty thousand (160,000) horsepower until such contract demand is increased as provided in sub-clause (*d*) next following.

1. (*d*) To keep available for delivery to the Commission and deliver when and as required by the Commission on the first day of October, 1931, and thereafter so long as this Agreement shall continue in force an additional amount, not less than seventy thousand (70,000) nor more than one hundred thousand (100,000) horsepower of electrical power or energy as the Company on or before March 1st, 1930, shall specify in a notice to the Commission, on the conditions herein contained and which additional amount as fixed by the said notice added to the contract demand previously established under sub-clause (*c*) next preceding shall constitute the maximum contract demand.

1. (*e*) To install at its said Gatineau River developments sufficient equipment so as to insure fulfilment at all times of the terms of this Agreement.

1. (*f*) Subject to Clause 2, and Clause 5, to deliver to the Commission whenever required by the Commission, electrical power or energy up to the maximum available overload and spare capacity specified in Clause 3 (*d*).

1. (*g*) To provide a storage reservoir or storage reservoirs on the Gatineau River of eighty-two billion (82,000,000,000) cubic feet capacity, this amount having been determined by the Quebec Streams Commission as the appropriate amount to provide a minimum regulated flow at Chelsea in excess of nine thousand (9,000) cubic feet per second under normal low water conditions and an absolute minimum flow of eight thousand (8,000) cubic feet per second in the driest year on record; to use its best efforts to have such storage administered to the best advantage to facilitate its performance of this Agreement; to deliver the full amount of electrical power or energy called for in Clauses 1 (*a*), 1 (*b*), 1 (*c*), and 1 (*d*), subject to Clause 2 (*c*), at all times when the flow at Chelsea is one thousand (1,000) cubic feet per second or more in excess of the said absolute minimum of eight thousand (8,000) cubic feet per second, or of such increased absolute minimum as may be created by the provision of additional storage; at all other times to reduce this amount only to the extent that a reduction in the said one thousand (1,000) cubic feet per second of excess flow reduces its output, and, should the stream flow at any time decrease to less than the said absolute minimum, to keep available and deliver to the Commission a ratable proportion of all electrical power or energy possible under such conditions basing the apportionment on the amount of electrical power or energy to which the Commission is entitled when the stream flow is down to the said absolute minimum, and reducing such amount by the same per cent. by which the stream flow falls below the said absolute minimum.

2. (*a*) The power delivered hereunder shall be alternating, three-phase, having a periodicity of approximately 25 cycles per second and a pressure between phase wires not exceeding the commercial maximum voltage of approximately two hundred and thirty thousand (230,000) volts subject to a reduction of not over fifteen per cent. (15%) from the said maximum voltage, from time to time, as the Commission may direct, and the equipment and apparatus installed by the Company in its plants shall be suitable for operation to obtain this condition; provided, however, that nothing herein shall be construed as obligating the Company to install apparatus having capacity in excess of its rated capacity at normal voltage. The Company shall maintain the Generator voltage within two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid and shall install suitable equipment for such purpose, provided that if the Commission at any time take power, as provided for in Clause 1 (*f*), in excess of the contract demand, then the Company shall, during such excess taking, maintain the voltage and frequency as aforesaid as nearly as possible with the equipment then installed.

2. (*b*) Whenever the Commission shall require, from time to time, the Company shall increase or decrease the voltage and frequency of its plant or plants, within safe operating limits of the then existing equipment of such plant or plants to the extent required by the Commission in order to ensure operation satisfactory to the Commission in parallel with other sources of supply. It is understood and agreed that in operation of plants in parallel the control of power factor and power delivery in any generating plant is to a large extent within the control of the operators in that plant and the Company agrees so far as it can do so with its equipment installed to so operate its plants as to maintain a power factor at its points of measurement to the Commission and also the delivery of power within the limits directed by the Commission, from time to time, provided that by so doing it shall if and to the extent necessary be relieved from its obligations as to voltage and frequency regulation specified in Clause 2 (*a*).

2. (*c*) The Commission shall be entitled to the contract demand up to a maximum weekly load factor of seventy per cent. (70%) thereof, and no more, that is to say, that during each week after October 1st, 1928, so long as this Agreement shall remain in force the Commission shall be entitled, subject to the provisions of Clause 3 (*e*), to receive such electrical power or energy as it shall require, not in excess of eighty-eight (88) kilowatt hours for each horsepower of contract demand.

On Sundays and holidays the Commission, at the request of the Company shall take not less than three (3) kilowatt hours for each horsepower of contract demand. On Saturdays the Commission, at the request of the Company, shall take not less than seven (7) kilowatt hours for each horsepower of contract demand.

2. (*d*) The maximum amount of the electrical power or energy delivered by the Company at any time when the ratio of the kilowatts to the kilovolt amperes is less than eighty-five per cent. (85%) shall be eighty-five per cent. (85%) of the kilovolt amperes considered as true power or kilowatts.

2. (*e*) If in any of the seven year periods, below described, the Company shall, due to conditions of stream flow, fail to have available for the Commission during the months of September to February inclusive, the full number of kilowatt hours to which the Commission

is entitled under this Agreement during such months, and such failure shall extend to more than four per cent. (4%) of such kilowatt hours, then and in such case the contract demand shall thereafter, at the option of the Commission, be reduced to such a point that had the reduced contract demand been in effect during such seven year period the deficiency aforesaid would have equalled but not exceeded four per cent. (4%) of the full number of kilowatt hours to which the Commission would be entitled under the reduced contract demand during the months of September to February inclusive of a seven year period.

The first such seven year period shall begin October 1st, 1931, and the other seven year periods shall follow successively, provided, however, that if at the end of the sixth or any earlier year of any such seven year period the total permissible deficiency for the whole seven year period (an aggregate of twenty-eight (28) per cent. of the full number of kilowatt hours to which the Commission was entitled in any six months under the contract demand as it existed during such period) shall have been exceeded, then and in that case, the Commission may by notice in writing to the Company terminate such seven year period at any time thereafter within such seven year period, and a new seven year period shall begin forthwith and whenever such period is so ended the contract demand shall thereafter be reduced by a percentage determined by ascertaining the deficiency so occurring during the months of September to February, inclusive, of the years of such period then elapsed, expressing the same as a percentage of the full number of kilowatt hours to which the Commission was entitled in any six months under the contract demand as it existed during such period, reducing such percentage by twenty-eight, and dividing the balance by seven.

If the first such seven year period is so ended before its normal expiration the consequent reduction of contract demand shall be by a percentage determined by ascertaining the deficiency so occurring during the months of September to February, inclusive, of the years of such period then elapsed, expressing the same as a percentage of the full number of kilowatt hours to which the commission was entitled in any six months under the maximum contract demand, reducing such percentage by twenty-eight, and dividing the balance by five (or by six if such seven year period shall have been ended at the end of its sixth year).

But any reduction of the contract demand shall be eliminated and the original contract demand restored after, and to the extent, that the deficiency in stream flow causing the same is remedied by the provision of additional storage.

2. (*f*) In the application of the provisions of this Agreement the Company shall be entitled to the same credit for horsepower and kilowatt hours held available for the Commission but not taken by the Commission as if the same had been taken by the Commission, and except as provided in Clause 5 (*b*), no failure by the Commission to provide the necessary transmission and other facilities to receive such power, and no failure to use the same, shall relieve the Commission from any of its obligations to make the full amount of the payment herein specified to be made by it. For all purposes of this agreement the Company shall be considered to have held available for the Commission in each week all the horsepower and kilowatt hours to which the Commission was entitled in that week unless the Company fails to have available the power which the Commission asks for, being entitled to the same under the provisions hereof, and the Commission complains of such failure at the time, and unless within fourteen days after the end of that week the Commission shall have given to the Company written notice of the fact and approximate amount of the deficiency.

If at any time, however, the Commission anticipates a deficiency in stream flow within the ensuing six (6) months' period, it may give to the Company written notice stating and certifying as facts that the Commission anticipates during the ensuing six (6) months such a deficiency in stream flow as would prevent the Company making full deliveries to the Commission throughout that period, that because and only because of such anticipated deficiency and of its desire to regulate its supply during the same the Commission desires the Company to curtail its deliveries to the Commission during such period, specifying the weeks during which the Commission desires such curtailment made, certifying that the number of kilowatt hours which in each such week the Commission would require were it not for such anticipated deficiency are as specified in such notice, stating the number of kilowatt hours curtailment which the Commission desires in each such week and giving as the balance in each such week the number of kilowatt hours which the Company is to deliver to the Commission in each such week under such curtailment programme. Such notice shall be delivered to the Company at least one clear week before the first week in which it requires curtailment. The Company shall thereupon reduce as therein required its deliveries to the Commission, and shall not be considered to have held available for the Commission in any week specified in such notice the kilowatt hours of curtailment specified in the notice, and the Commission shall be entitled to a reduction in its payments for such week in the ratio which the kilowatt hours of curtailment bear to full contract deliveries, unless at the end of the period it shall appear that there was in fact water available either from storage or from precipitation or natural run off for the supply of all or part of the kilowatt hours of curtailment. To the extent to which there was in fact water available as aforesaid to generate such kilowatt hours of curtailment the Commission shall promptly make good with interest at six per cent. (6%) per annum the amount by which its payments shall have been reduced on account of such curtailment.

The Company by receipt of any such notice shall not be bound forthwith and from day to day or week to week to curtail its deliveries to its other customers, but shall so administer the utilization of stream flow and storage that over the period covered by the notice, if the anticipated deficiency in fact occurs, the Commission shall at all times during the period specified in such notice as well as at the end thereof receive so far as is possible within the limitations imposed by the curtailment instructions of the Commission and the provisions of Clause 2 (*c*) its full share of the available electrical power or energy on the basis set forth in Clause 1 (*g*).

The Commission may at any time vary the curtailment specified in such notice for any week by giving the Company written notice of such modification at least seven days before the beginning of such week.

2. (*g*) If the Commission shall inadvertently take in any week more kilowatt hours than it is entitled to take in such week, and the Company shall not in advance of such excess taking have filed with the Commission a protest against the same, then upon notification from the Company the Commission will adjust the matter by making a corresponding reduction in its takings in the next following week in which its requirements permit it to do so, and the Commission shall not be subject to any penalty for such excess taking, or for any delay in making good the same. A protest from the Company for the purpose of this clause must be based upon a prior excess taking by the Commission and may not cover a period beyond the six months next following such excess taking. After receipt of such protest and during the period covered thereby the Commission shall limit its weekly taking to the number of kilowatt hours which it is entitled to take hereunder, always provided that the Company, so far as practicable, regulates the rate of delivery of power and the kilowatt hours from time to time as the Commission may direct.

2. (*h*) Because of the fact that the high voltage circuits involved in this Agreement will be physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the system involved, it is necessary that the Commission and the Company co-operate. The Commission and the Company will co-operate in respect of all matters of common interest including plant and equipment design, hydrology and storage, provided that the Commission and the Company shall each have the final decision and be responsible for its respective plant and properties. The Commission and the Company will also co-operate in respect of design of control, protective, communication and other such features, as necessitate similar or co-ordinated equipment at the plants of each party. The Commission and the Company shall also install only first-class modern equipment, of such characteristics and type as are best suited for the service intended, and from time to time make such commercially reasonable changes in, or additions to, such equipment (other than major equipment) as will best serve the system as a whole. The Commission and the Company shall exercise all due skill and diligence so as to secure the satisfactory operation as a system, of the plant, apparatus, and property of both the Commission and the Company, including, without limiting the generality of the foregoing, parallel operation, voltage, power factor and any problems which may arise in connection with the use of such high voltage specified and length of lines contemplated.

3. The Commission agrees:

(*a*) To pay to the Company in monthly payments for all power under this Agreement at the rate of fifteen dollars ($15.00) per horsepower per annum on the contract demand which is a total amount of one hundred thousand dollars ($100,000) per month from October 1st, 1928, until October 1st, 1929; one hundred sixty-two thousand five hundred dollars ($162,500) per month from October 1st, 1929, to October 1st, 1930; two hundred thousand dollars ($200,000) per month from October 1st, 1930, to October 1st, 1931; and thereafter while this Agreement remains in force the amount in dollars per month which is obtained by multiplying the maximum contract demand as determined in Clause 1 hereof by one and one-quarter (1¼); the said monthly payments being subject always to adjustment as in this Agreement provided.

It is understood that the power developments necessary to supply the contract demand are of such size that they cannot advantageously be financed exclusively in Canada; and that therefore it will be desirable that the bonds issued by the Company to finance the development be payable, principal and interest, at the option of the holder, in gold coin of the United States of America, as have been the bonds of the Province of Ontario and of the Dominion of Canada which have been sold in the United States since the war. The Commission agrees to make all the payments to be made by it under this Agreement, in lawful money of Canada or in gold, as requested by the Company, at Toronto. If, however, and when the export of gold from Canada be embargoed, the Commission will, at the request of the Company, make such payments in New York funds. The Commission shall also have the right at its option to make any such payments at any time in New York funds.

3. (*b*) To pay the said monthly payments to the Company on the 20th day of each calendar month for the accrual of the preceding calendar month, the Company to render the bill on or before the 10th; provided that if any bill remains unpaid on the 20th of the month in which it is rendered, the Commission shall thenceforth be in arrears for said payment and all payments in arrears shall bear interest at the rate of seven per cent. (7%) per annum; provided further

that if the Commission or the Company be entitled to any adjustment in respect of any payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment, except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment.

3. (*c*) At all times to take and use the three-phase power in such manner that the current will be equally taken from the three phases and in no case shall the difference in current between any two phases be greater than five per cent. (5%). If such dlfference be greater than five per cent. (5%), the Commission, upon instructions from the Company, shall so adjust its load as to comply with these requirements.

3. (*d*) At all times to take and use the power set out in Clauses 1 (*a*), 1 (*b*), 1 (*c*), and 1 (*d*) hereof, so as not to exceed the weekly takings as specified in Clause 2 (*c*) herein; provided that the Commission may at any time, but subject to the provisions of Clause 2 herein, increase the rate of taking of power to an amount in excess of the Contract demand, up to the limits of the overload capacity of all the equipment used from time to time by the Company exclusively to meet its obligations hereunder, and of all the unused and available capacity of the remaining 25 cycle equipment of the Company, including such spare capacity as the Company may install in order to reasonably provide for meeting the Company's obligations under this Agreement.

3. (*e*) To give to the Company from time to time such information as it reasonably can regarding its expected requirements in kilowatt hours from the Company, particularly as to any probable reduction in such requirements for any prospective period of light load. The intent of the parties in this clause is so far as is possible by reasonable co-operation to provide for the most economic use of the storage waters on the Gatineau watershed.

4. (*a*) The measurement of electrical power or energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters, provided and installed by the Company and so arranged as to measure and record accurately the said power. Readings from the said kilowatt-hour meters shall be taken daily at the same hour and recorded by the Company on forms supplied by the Commission. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the Company to the Commission and such records on file with the Commission shall be available to the Company for inspection at all reasonable times.

4. (*b*) The weekly taking of energy shall be determined from the weekly readings of the said kilowatt-hour meters. The power delivered under this Agreement shall be that recorded by the above mentioned polyphase recording demand meters and the demand shall be the greatest integrate demand for any twenty (20) consecutive minutes as determined from coincident readings of the meters used in the measurement of this power, provided that nothing in this sub-clause shall be construed as increasing any obligation of the Company under Clause 1.

4. (*c*) The power and energy covered by this Agreement shall be delivered at approximately two hundred and thirty thousand (230,000) volts (subject to Clause 2-*a*) as hereinbefore mentioned at the boundary between the Provinces of Ontario and Quebec at or near Chats Falls, and the Company shall install the suitable and necessary transformers and either two transmission circuits of three wires each, or a single circuit loop of three wires for transmission from the generating plant or plants to the point of delivery, of a type and capacity approved by the Commission. Instead of installing two circuits from the generating plants to the point of delivery, the Company may, at its option, install one single circuit loop connecting the point of delivery and the generating plants (in any event there shall be two circuits at point of delivery), or at the option of the Company, the circuits, double or loop, may in whole or in part be of One Hundred and Ten Thousand (110,000) or other intermediate voltage lower than approximately Two Hundred and Thirty Thousand (230,000); the Company in this case shall provide all the necessary intermediate step-up transformers and other equipment involved and make delivery at approximately Two Hundred and Thirty Thousand (230,000) volts according to the requirements of this Agreement. The power and energy supplied under this Agreement shall be measured on the generator voltage side of the Two Hundred and Thirty Thousand (230,000) volt step-up transformers at Farmer's, Chelsea and/or Paugan and no adjustment of such measurement shall be required except as below provided, the loss in single step transformation from generator to transmission voltage (approximately 230,000 volts as above) and transmission at this voltage from the transforming station or stations to the point of delivery having already been considered in the price herein specified. Such allowable losses shall not, however, in any case, include (1) more than one transformation loss on the total amount of power or energy involved, or (2) additional losses due to transmission at any intermediate voltage or to additional length of transmission. Any additional losses due to (1) and (2) shall be borne by the Company.

The Company will provide a suitable communication system between its plants and the point of delivery.

4. (*d*) Access to said instruments and transformers belonging to the Company shall be free to the Commission at any and all times and the Commission may test such measuring

instruments and transformers at any reasonable time in the presence of a representative of the Company, by giving to the Company seven (7) days' previous notice in writing, of its desire to test such measuring instruments.

4. (*e*) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power or energy hereunder shall be provided, installed and maintained by the Company.

The Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days. The Commission shall be advised at least five (5) days before the day of the test so they may if they so desire have a representative present to witness and verify such test. At any time the Commission notifies the Company that it believes that such meters or any of them are not within the closest practicable agreement with perfect accuracy, said meter or meters shall be jointly tested within five (5) days of the receipt by the Company of the said notice. If any meters shall be found, on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected. The Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time. During any time there is no meter in service it shall be assumed that the energy consumed is the same as for other days of the same month on which a similar load existed.

4. (*f*) The Commission may from time to time at its option install duplicate measuring equipment including necessary current and potential transformers at the points of measurement for the purpose of checking the records obtained from the Company's measuring equipment or for any other purpose.

4. (*g*) The Company shall be responsible for any damages to property or apparatus furnished by the Commission for the purpose of supplying or measuring power hereunder and installed on the Company's property, providing such damage originates from a source external to the said apparatus of the Commission and is not due to defects in the apparatus of the Commission.

4. (*h*) The kilowatts, kilovolt-amperes, kilowatt hours, or any other factor or quantities shall be determined directly or indirectly from the measuring equipment provided for in this Clause 4, and the University of Toronto electrical standards shall be used as the final reference as to the accuracy of the measuring equipment.

5. (*a*) Subject to the direction of the Commission, as provided in Clause 2, the maintenance by the Company of approximately the agreed voltage, at approximately the agreed frequency, at the point of delivery, together with the ability of the Company to meet the requirements of the Commission under this Agreement, shall constitute the delivery of power involved in this Agreement, provided, however, that the provision in Clause 2 (*a*) as to 2% regulation of voltage shall apply only at the points of generation.

5. (*b*) In case the Company shall, at any time or times, be prevented from delivering, or the Commission from receiving the said power, or any part thereof, by strikes, lockouts, riots, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them or either of them, then to the extent of such prevention, the Company shall not be bound to deliver and the Commission shall not be bound to pay for such power during such time.

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Company shall, without any delay, deliver said power as aforesaid and the Commission shall pay for the same.

The Commission agrees, however, that in no period of seven consecutive years, beginning October 1st, 1928, shall the aggregate of the payments made by it to the Company be reduced under this Clause 5 (*b*) by more than ten per cent. (10%), (that is seventy per cent. (70%) of the average annual payment during the period) by reason of the Commission being prevented from receiving the said power.

5. (*c*) The Company shall have the right at reasonable times and when possible after due notice has been given to the Commission to discontinue or reduce to the extent necessary the supply of power to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming or transmitting equipment of the Company, but all such interruptions, total or partial, shall be of a minimum duration, and, when possible, arranged for at a time least objectionable to the Commission.

During such interruptions, the Commission shall be released from its obligations to pay for such power as the Commission is entitled to receive and the Company fails to deliver or to hold available for the Commission.

6. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Company for the purpose of inspecting the premises, apparatus, plants, property

and electrical and hydraulic records of the Company pertaining to the power developments at which the power supplied under this Agreement is generated, and to take and obtain records therefrom as required. Representatives of the Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the power supplied under this Agreement.

7. If any disputes arise between the parties hereto relative to the fulfilment of any of the terms, provisos or conditions of this Agreement, or as to the method or accuracy of the measurement of power or any other question which may arise under this Agreement, the same shall be promptly referred to arbitration under the Arbitration Act of the Province of Ontario, and shall be determined under the present laws of the Province of Ontario and when possible in a summary manner. The findings of the Arbitrator or Arbitrators shall be final and binding upon both parties hereto, except that either party may appeal from an award of the arbitrators as provided in the said Arbitration Act, and that the right of appeal to the Supreme Court of Canada and to the Privy Council shall not be limited.

The Commission may pursue any or all of its remedies either concurrently or in the alternative and may treat as cumulative any or all of its remedies hereunder. The Commission may waive any default under this Agreement but such waiver shall be limited to the particular instance and shall not affect the Commission's rights under this contract.

Any failure by the Company to deliver or have available the full amount of electrical energy to which the Commission is entitled hereunder, all in the manner and under the conditions herein specified, shall be adjusted as herein provided, including the provisions for arbitration herein contained, and shall not in any event be cause for cancellation of this Agreement.

8. In case of the failure of the Company in any week to have available as set forth in Clauses 1 and 2 the full amount of electrical power or energy to which the Commission is entitled hereunder in such week, there shall be a proportionate reduction in the sums payable by the Commission to the Company for such week; that is, the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt hours which the Company fails to have available as aforesaid bears to eighty-eight (88) times the then contract demand; and in addition if such failure of the Company is due to causes within its control (deficiency of stream flow or any of the matters in Clause 5 (*b*) shall in no way be deemed to be within the control of the Company nor shall interruptions under Clause 5 (*c*) be deemed within the control of the Company, but financial difficulties are to be considered within the control of the Company), the Company shall pay to the Commission, as liquidated damages, a sum equal until October 1st, 1943, to fifty per cent. (50%) of the reduction so made in the sums payable by the Commission to the Company; thereafter, to one hundred per cent. (100%).

9. This Agreement shall be binding upon both parties hereto upon its execution and shall continue in force for a period of thirty years, which period shall begin on the day and date when power is first taken hereunder.

10. The Commission shall be entitled at the termination of this Agreement, or within thirty days thereafter, to remove from the Company's premises any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power hereunder.

11. The Commission agrees to observe strictly all Quebec and other laws affecting the exportation, outside of Canada, of the electric power or energy supplied by the Company to the Commission under this Agreement.

12. All written notices which are required to be sent hereunder by either party to the other shall be sent by registered letter to such address, or addresses, as each party may, from time to time, file with the other. The parties agree each to maintain its address on file with the other.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

(Sgd.) C. A. MAGRATH, (Seal)
*Chairman.* Hydro-Electric
Power Commission
(Sgd.) W. W. POPE, of Ontario.
*Secretary.*

GATINEAU POWER COMPANY.

(Sgd.) A. R. GRAUSTEIN, (Seal)
*President.* Gatineau Power
Company.
(Sgd.) F. G. SIMONS, Incorporated 1926.
*Secretary.*

*Checked*
260519 (Sgd.) W. G. HANNA.

### 2

## SUPPLEMENTARY AGREEMENT

To Indenture dated May 19th, 1926.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

—and—

GATINEAU POWER COMPANY,

hereinafter called the "Principal Agreement."

The Company shall not be liable for any partial or total failure to deliver electrical power or energy under the Principal Agreement which is due to the act of the Province of Quebec.

In witness whereof the Parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

(Sgd.) C. A. MAGRATH,
*Chairman.*
(Sgd.) W. W. POPE,
*Secretary.*

(Seal)
Hydro-Electric
Power Commission
of Ontario.

GATINEAU POWER COMPANY.

(Sgd.) A. R. GRAUSTEIN,
*President.*
(Sgd.) F. G. SIMONS,
*Secretary.*

(Seal)
Gatineau Power
Company.
Incorporated 1926.

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### 3

## SUPPLEMENTARY AGREEMENT

To Indenture dated "May 19th," 1926.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

—and—

GATINEAU POWER COMPANY.

The Company shall not be obligated to install apparatus for a maximum voltage higher than that available from apparatus which the manufacturers are willing to build and recommend for use on a 220,000 volt system and in connection with standard 220,000 volt switching and auxiliary equipment, or higher than the Commission provides for in its portion of the 220,000 volt system.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their authorized officers.

HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

(Sgd.) C. A. MAGRATH,
*Chairman.*
(Sgd.) W. W. POPE,
*Secretary.*

(Seal)
Hydro-Electric
Power Commission
of Ontario.

GATINEAU POWER COMPANY.

(Sgd.) A. R. GRAUSTEIN,
*President.*
(Sgd.) F. G. SIMONS,
*Secretary.*

(Seal)
Gatineau Power
Company.
Incorporated 1926.

## 4

## SUPPLEMENTARY AGREEMENT

To Indenture dated "May 19th," 1926.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,

—and—

GATINEAU POWER COMPANY,

hereinafter called the" Principal Agreement."

The Company may on or before August 1, 1926, notify the Commission that due to its inability theretofore to obtain certain specified and necessary rights, permits, licenses or franchises or to consummate the purchase of the Paugan water power, it is unable to proceed further with the Principal Agreement, unless the Commission will agree that the Company shall not be liable for any partial or total failure to deliver electrical power or energy under the Principal Agreement, which is due to the inability of the Company to obtain the necessary rights, permits, licenses and franchises so specified which it shall not have obtained, or to the inability of the Company to consummate its purchase of Paugan. Thereupon and within fifteen days thereafter the Commission shall notify the Company whether the Commission is willing to make such Agreement. If the Commission is unwilling to make such Agreement, the Principal Agreement shall be at an end and neither party shall be liable to the other. If the Commission does make such Agreement, and the Company thereafter makes a partial failure to deliver electrical power or energy, as herein provided, and such partial failure is of a permanent nature, a corresponding reduction shall be made in the contract demand.

The Commission agrees that it will promptly join with the Company in an application for the Ottawa River crossing in the neighbourhood of Chats Falls, and will prepare and have ready an application for this purpose together with all necessary accompanying plans on or before May 20, 1926. In case such plans shall be delayed beyond May 20, the date of Augusst 1, shall be correspondingly postponed.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

(Sgd.) C. A. MAGRATH, *Chairman.*
(Sgd.) W. W. POPE, *Secretary.*

(Seal)
Hydro-Electric
Power Commission
of Ontario.

GATINEAU POWER COMPANY.

(Sgd.) A. R. GRAUSTEIN, *President.*
(Sgd.) F. G. SIMONS, *Secretary.*

(Seal)
Gatineau Power
Company.
Incorporated 1926.

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## 5

## SUPPLEMENTARY AGREEMENT

To Indenture dated "May 19th," 1926.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,

—and—

GATINEAU POWER COMPANY,

hereinafter called the "Principal Agreement."

The rates to be paid and payments to be made by the Commission, as set out in subclause (*a*) of Clause 3 of the Principal Agreement, shall, subject to the provisions of this supplementary agreement include all compensation to the Company for all taxes, rentals, licenses, fees and charges that may be levied, assessed or imposed by Dominion, Provincial or Municipal or any other authority for or during the term of this Agreement, or any part thereof. If, however, while the Principal Agreement shall continue in force (1) any Dominion or Provincial taxes or charges not now in existence should be created, or any now existing be increased, or (2) the rentals or royalties which are payable as now specified under the lease from the Crown of the Paugan water power generating the electrical energy supplied to the Commission hereunder shall be increased in such manner as to increase the cost to the Company in respect of these items of the electrical power or energy kept available for and delivered to the Commission under the Principal Agreement, then in each and any such case, an increase shall be made in the payments by the Commission to the Company hereunder which shall after crediting any reductions in any of such items exactly compensate the company for the increase thereby occasioned in the cost to the Company of the electrical power or energy kept available for and delivered to the Commission under the Principal Agreement.

The recently authorized Quebec tax not yet promulgated is not considered as now in existence.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

Hydro-Electric Power Commission of Ontario.

| | |
|---|---|
| (Sgd.) C. A. Magrath,<br>*Chairman.* | (Seal)<br>Hydro-Electric<br>Power Commission<br>of Ontario. |
| (Sgd.) W. W. Pope,<br>*Secretary.* | |

Gatineau Power Company.

| | |
|---|---|
| (Sgd.) A. R. Graustein,<br>*President.* | (Seal)<br>Gatineau Power<br>Company.<br>Incorporated 1926. |
| (Sgd.) F. G. Simons,<br>*Secretary.* | |

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## 6

## SUPPLEMENTARY AGREEMENT

To Indenture dated May 19, 1926.

Between:

Hydro-Electric Power Commission of Ontario

—and—

Gatineau Power Company,

hereinafter called the "Principal Agreement."

1. The place of delivery of the power and energy shall instead of being at the boundary between the Provinces of Ontario and Quebec at or near Chats Falls as mentioned in one of the recitals in the Principal Agreement and required by Clause 4 (*c*) of the Principal Agreement, be a point in the Province of Ontario ten feet distant from the boundary between the Provinces of Ontario and Quebec at or near Chats Falls.

2. It is understood and agreed between the parties hereto that the said change in place of delivery shall not subject the Company to the burden of taxes, fees or other charges levied, assessed or imposed in respect of the electrical power or energy sold and delivered under the Principal Agreement and supplementary agreements as hereinafter provided by or under the authority of the Province of Ontario or any taxing authority thereof or therein; and notwithstanding any provision of the Principal Agreement or of the agreement supplementary thereto between the parties (hereinafter mentioned) relating to the rates to be paid and payments to be made by the Commission and the inclusion therein of compensation to the Company for taxes, rentals, licenses, fees and charges of Dominion, Provincial or Municipal or other authorities, the Commission will indemnify the Company against and reimburse the Company for any and all taxes, fees and other charges which may at any time be levied, assessed or imposed by the Province of Ontario or any authority thereof or thereunder, including any municipality therein, in respect of the ownership, operation, maintenance or use of the ten feet of transmission lines in Ontario, or in respect of the transmission, sale or delivery of power or energy under the Principal Agreement and supplementary agreements or in respect of the gross or net income derived therefrom, whether any such tax, fee or other charge is levied, assessed or imposed upon the Company itself or its property, or upon the owner of such ten feet of transmission lines (if the same is not owned by the Company) or upon the property of such owner.

3. The Principal Agreement and the four supplementary agreements for the following purposes:

(1) Agreement in reference to the Company's ability to obtain certain rights and franchises to permit it to make delivery of power to the Commission, and in default of it being able to do so before August 1st, 1926, making certain provisions for cancellation of the Principal Agreement;

(2) Agreement with reference to additional or increased Dominion or Provincial taxes and charges, providing that the Commission must pay the same;

(3) Agreement relieving the Company from liability for failure to deliver power under the Principal Agreement due to any Act of the Province of Quebec;

(4) Agreement relieving the Company from installation of apparatus of maximum voltage higher than that which the manufacturers are willing to recommend;

Together with this Supplementary Agreement, are hereby entered into as of the 19th day of May, 1926, and all the covenants, terms and conditions set out in the Principal Agreement and the aforesaid five supplementary agreements are hereby agreed to by the parties hereto as of the 19th day of May, 1926.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers this 27th day of July, 1926.

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|---|---|
| HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO. | |
| (Sgd.) C. A. MAGRATH,<br>*Chairman.* | (Seal)<br>Hydro-Electric |
| (Sgd.) W. W. POPE,<br>*Secretary.* | Power Commission<br>of Ontario. |
| GATINEAU POWER COMPANY. | |
| (Sgd.) A. R. GRAUSTEIN,<br>*President.* | (Seal)<br>Gatineau Power<br>Company |
| (Sgd.) F. G. SIMONS,<br>*Secretary.* | Incorporated 1926. |

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## SCHEDULE "B"

BETWEEN:

THE ONTARIO HYDRO-ELECTRIC POWER COMMISSION

—AND THE—

GATINEAU POWER COMPANY

1. AGREEMENT AS OF DECEMBER 28TH, 1927.
2. AGREEMENT, AS OF DECEMBER 28TH, 1927.

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### 1

This Indenture dated the 28th day of December, A.D. 1927.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.
hereinafter called "the Commission,"
of the first part

—and—

GATINEAU POWER COMPANY, hereinafter called "the Company"
of the second part.

Witnesseth That

Whereas the Commission, acting under *The Power Commission Act*, 1927, 17 Geo. V., Chapter 17, and Amendments thereto, is authorized to enter into an Agreement for the purchase of electrical power and energy for the Commission;

And whereas the Company is duly incorporated under laws of the Province of Quebec, and is carrying on business for the production and sale of electrical power and energy;

And whereas the Company is prepared to deliver electrical power and energy from its present and future developments on the Gatineau River and elsewhere in the Province of Quebec to the Commission at the points in Ontario hereinafter provided, and is willing to enter into an Agreement with the Commission for such purposes;

Now therefore this Indenture witnesseth:

That for the consideration herein contained, the parties hereby covenant, promise and agree as follows:

1. The Company agrees:

(*a*) To keep available for delivery to the Commission and deliver when and as required by the Commission on the conditions herein contained electrical power and energy which shall not be less than the minimum amounts specified in the following schedule during the times therein mentioned namely:

Commencing on the First day of October, 1928, and continuing until increased on the First day of October, 1929, the minimum amount of six thousand horsepower (6,000 H.P.);

Commencing on the First day of October, 1929, and continuing until increased on the First day of October, 1930, the minimum amount of twelve thousand horsepower (12,000 H.P.);

Commencing on the First day of October, 1930, and continuing until increased on the First day of October, 1931, the minimum amount of eighteen thousand horsepower (18,000 H.P.);

Commencing on the First day of October, 1931, and continuing until increased on the First day of October, 1932, the minimum amount of twenty-four thousand horsepower (24,000 H.P.);

Commencing on the First day of October, 1932, and continuing until increased on the First day of October, 1933, the minimum amount of thirty thousand horsepower (30,000 H.P.);

Commencing on the First day of October, 1933, and continuing until increased on the First day of October, 1934, the minimum amount of thirty-six thousand horsepower (36,000 H.P.);

Commencing on the First day of October, 1934, and continuing until increased on the First day of October, 1935, the minimum amount of forty-two thousand horsepower (42,000 H.P.);

Commencing on the First day of October, 1935, and continuing until increased on the First day of October, 1936, the minimum amount of forty-eight thousand horsepower (48,000 H.P.);

Commencing on the First day of October, 1936, and continuing until increased on the First day of October, 1937, the minimum amount of fifty-four thousand horsepower (54,000 H.P.);

Commencing on the First day of October, 1937, and continuing so long as this Agreement shall continue in force the minimum amount of sixty thousand horsepower (60,000 H.P.);

Provided that each minimum amount specified in the said schedule shall be the contract demand during the time therein mentioned unless and until increased as provided herein:

1. (*b*) To keep available for delivery to the Commission and deliver when and as required by the Commission after written notice from the Commission given from time to time prior to the First day of October, 1938, and effective subject to the provisions of Sub-clause (*e*) of Clause 3 additional electrical power and energy in addition to the then contract demand up to but not exceeding that amount which with the then contract demand will make a total amount of one hundred thousand horsepower (100,000 H.P.) provided that the total amount of electrical power and energy from time to time to be kept available shall be the contract demand; provided that any additional amount or amounts required by the Commission by notice or notices from time to time under this Sub-clause (*b*) or such portion thereof as the Commission may determine shall be applied at the option of the Commission to be expressed in such notice: (A) to take up and form part of the increases in minimum amounts provided for in Sub-clause (*a*) of this Clause 1; or (B) to add to the said minimum amounts as a permanent addition thereto and increase of contract demand, in which case the Commission shall be entitled to the increases in minimum amounts provided for under Sub-clause (*a*) and all the additions under Sub-clause (*b*) up to but not exceeding the total amount of one hundred thousand horsepower (100,000 H.P.); and provided further that the total amount including the minimum of sixty thousand horsepower (60,000 H.P.) and subject to the above option all electrical power and energy in addition thereto which the Commission shall have ordered by notice as aforesaid prior to the first day of October, 1938, shall constitute the contract demand commencing on the First day of October, 1938, or so soon thereafter as the same shall be available but in any event not later than the year or two years respectively allowed under Sub-clause (*e*) of Clause 3 and continuing so long as this Agreement remains in force subject always to any increase which may be made under Sub-clause (*a*) of Clause 2; One hundred thousand horsepower (100,000 H.P.) or such greater amount as shall have become the contract demand by reason of increase under Sub-clause (*a*) of Clause 2, shall be the contract demand governing this Agreement; and shall remain unaltered notwithstanding the provisions for ten per cent. (10%) excess in Sub-clause (*e*) of Clause 2, except as therein provided;

1. (*c*) To install at its said Gatineau River and other developments sufficient equipment and also transmission lines so as to insure fulfilment at all times of the terms of this Agreement.

1. (*d*) To provide a storage reservoir, or storage reservoirs on the Gatineau River of at least 82,000,000,000 cubic feet capacity this amount having been determined by the Quebec Streams Commission as the appropriate amount to provide a normal minimum regulated stream flow at Chelsea in excess of 9,000 c.f.s.; to use its best efforts to have such storage administered to the best advantage to facilitate its performance of this Agreement; to deliver the full amount of electrical power and energy called for in the preceding sub-clauses of this clause and Sub-clause (*b*) of Clause 2 at all times when the stream flow at Chelsea would be at least equal to such normal minimum of 9,000 c.f.s. with a capacity of 82,000,000,000 cubic

feet of storage; at all times when the storage capacity provided to the amount of 82,000,000,000 cubic feet as aforesaid the river would not have provided a stream flow at Chelsea of 9,000 c.f.s., the amount of electrical energy to which the Commission is entitled hereunder shall during the period of such deficiency be reduced in the same percentage by which the stream flow available with storage capacity to the amount of 82,000,000,000 cubic feet would have fallen below the said minimum;

Provided that the storage reservoir or reservoirs mentioned in this sub-clause shall be the same and shall not be in addition to the storage reservoir or reservoirs mentioned in the contract between the Company and the Commission dated the 19th day of May, A.D. 1926;

1. (*e*) If at any time or times, however, the Commission anticipates a deficiency in stream flow below the said normal minimum regulated flow within the ensuing six (6) months' period, it may give to the Company written notice stating and certifying as facts that the Commission anticipates during the ensuing six (6) months such a deficiency in stream flow as would prevent the Company making full deliveries to the Commission throughout that period, that because and only because of such anticipated deficiency and of its desire to regulate its supply during the said period the Commission desires the Company to curtail its deliveries to the Commission at times during such period, specifying the weeks during which the Commission desires such curtailment made, and certifying the number of kilowatt hours which the Commission would require in each such week were it not for such anticipated deficiency, the number of kilowatt hours curtailment which the Commission desires in each such week, and the number of kilowatt hours which the Company is to deliver to the Commission in each such week under such curtailment programme. Such notice shall be delivered to the Company at least one clear week before the first week in which it requires curtailment. The Company shall thereupon reduce as therein required its deliveries to the Commission, and shall not be considered to have held available for the Commission in any week specified in such notice the kilowatt hours of curtailment specified in the notice, and the Commission shall be entitled to a reduction in its payments for such week in the ratio which the kilowatt hours of curtailment bear to full contract deliveries; if at the end of such six months' period it shall appear that there was in fact water available either from storage or precipitation or natural run-off for the supply of all or part of the kilowatt hours of curtailment then to the extent to which there was in fact water available as aforesaid to generate such kilowatt hours of curtailment, the Commission shall promptly make good with interest at six per cent. (6%) per annum the amount by which its payments have been reduced on account of such curtailment.

If the anticipated deficiency in fact occurs the Commission shall at all times during the six months' period specified in such notice be entitled to receive within the requirements imposed by the curtailment notices of the Commission and the provisions of sub-clause (*b*) of Clause 2 the full amount of the contract power and energy subject to sub-clause (*d*) of this Clause.

The Commission may at any time vary the curtailment specified in such notice for any week by giving the Company written notice of such modification at least seven days before the beginning of such week;

2. (*a*) The power delivered hereunder shall be alternating, three-phase, having a periodicity of approximately 60 cycles per second and a pressure between phase wires of approximately one hundred and fourteen thousand (114,000) volts at the Interprovincial boundary at or near Ottawa; the Company shall maintain the generator voltage within 2% of the generator voltage corresponding to the 114,000 volts at the said Interprovincial boundary; the power delivered hereunder shall be commercially continuous twenty-four hour power every day in the year except as provided herein; the Company shall install suitable and necessary works and equipment for such purposes including two transmission lines of three conductors each from the generating plant or plants of the Company to the points of delivery of a type and capacity approved by the Commission.

The Company at all times shall use its best endeavour to co-operate with the Commission by such means and to the extent it may consider proper to meet the requirements of the Commission in variation of the aforesaid voltage so as to furnish a voltage satisfactory to the Commission; when the maximum contract demand shall have been determined under this agreement the Company shall co-operate with the Commission to the end that power may be furnished to the Commission from a separate group of generating units and/or transforming units independent of (not in parallel with) any other system or from a source or sources of power independent of generating systems other than the generating systems of the Company on the Gatineau and Ottawa Rivers and their tributaries.

If the Commission gives notice in writing to the Company that it requires power to be supplied to it from separate equipment or from a separate group of generating units and/or transforming units as aforesaid and if the Company claims that for such purpose works and equipment are necessary in addition to the works and equipment of the Company then in existence or changes are thereby necessary in the said then existing works and equipment of the Company then the Company within six months of receipt of the said notice from the Commission shall give to the Commission full details of the additional works and equipment and/or changes which it alleges to be necessary together with an itemized statement showing in detail the estimated cost thereof. If upon the receipt of the said details the Commission agree with the proposals and approves of the extent and type of the additional works and equipment and/or changes as proposed by the Company, then the Company shall upon the request of the Commission proceed with the work and when completed the Commission shall pay one-half of the balance of the cost thereof remaining after deducting from the total such amount as may be agreed upon or determined as the salvage value and accrued depreciation on the equipment, plant or part thereof replaced in the then existing plant by reason of the said additional works, equipment and/or changes, but if the Commission and the Company do not agree as to the necessity for or desirability of the extent and type of additional works and equipment and/or changes as proposed by the Company the Commission may nevertheless request the Company to proceed with such additional works, equipment and/or changes, or such part thereof as the Company deems necessary to enable it to meet the requirements of the Commission under the notice as aforesaid, and in such case the Company shall thereafter as speedily as possible proceed with such additional works and equipment and/or changes, and in such case the Commission shall pay to the Company one-half of the balance of the cost thereof (remaining after deducting from the total such amount as may be agreed upon or determined as the salvage value and accrued depreciation of the equipment, plant or part thereof replaced in the then existing plant by reason of the said additional works and equipment and/or changes) as may under the terms of this Agreement be finally determined as having been necessary expenditures by the Company in order to enable it to comply with the said notice in writing as aforesaid.

If in order to furnish power to the Commission from separate equipment or independent sources as aforesaid it is necessary for the Company to allot a unit of equipment or group of units for such service when the normal capacity of the said unit or group together with the other units forming the group is greater than the then contract demand and the Company cannot alter or re-arrange the said unit or group the Company shall have the option (*a*) of requiring the Commission to increase the contract demand as provided in sub-clause (*b*) of Clause 1 to any amount up to that amount which shall require all the normal capacity of the said unit or groups with the other units forming the group or (*b*) of supplying power from the said unit or group both to the Commission and also to other customers of the Company but not connected to (not in parallel with) other generating units to such an extent that the Commission's contract demand and the other loads will approximately equal the normal capacity of the said unit with the other units forming the group; the change in contract demand contemplated by this sub-clause (*a*) shall become effective even if thereby the maximum contract demand covering this Agreement as defined in sub-clause (*b*) of Clause 1 exceeds 100,000 horsepower; the excess of 10% provided for in sub-clause (*e*) of Clause 2 shall be over and above the contract demand as hereby changed.

2. (*b*) The Commission shall be entitled to the contract demand, up to a maximum weekly load factor of seventy per cent. (70%) thereof and no more; that is to say, that during each calendar week after October 1st, 1928, so long as this Agreement shall remain in force, the Commission shall be entitled, subject, to Clauses 3 (*f*), 5 (*b*) and 8, to receive such electrical energy as it shall require, not in excess of eighty-eight (88) kilowatt-hours for each horsepower of contract demand.

On Sundays and holidays, the Commission at the request of the Company, shall take not less than three (3) kilowatt-hours for each horsepower of contract demand. On Saturdays, the Commission, at the request of the Company, shall take not less than seven (7) kilowatt-hours for each horsepower of contract demand.

In the event of an increase in the contract demand occurring other than at the beginning of a calendar week, the Commission shall be entitled to receive the same number of kilowatt-hours for each horsepower of contract demand each day for the remainder of the week as were received for each horsepower of contract demand during the corresponding days of the last preceding week.

2. (*c*) The maximum amount of electrical power and energy delivered by the Company at any time when the ratio of the kilowatts to the kilovolt amperes is less than eighty-five per cent. (85%) shall be eighty-five per cent. (85%) of the kilovolt amperes considered as true power or kilowatts, subject to the inadvertent taking under Clause 2 (*d*).

2. (*d*) It is understood and agreed that in the operation of extensive generation and transmission systems, consisting of several generating plants, in parallel, the control of the power and energy supplied from one system to another and the power factor thereof is to an extent within the control of the operators in the generating plants of the system from which the power and energy is supplied, and, in order to insure satisfactory operation in parallel with the other sources of supply of the Commission, it is agreed that the Company shall co-operate to the fullest extent, so far as normal operation of its Gatineau River generating and transforming systems and their interconnecting transmission systems will permit, with the Commission in controlling the power factor and the amount of power and energy delivered to the Commission by the Company hereunder.

The Commission on its part shall use its best efforts to keep its power demands on the Company's system within the contract demand and to maintain the power factor within the limits defined in Sub-clause (*c*) of this Clause 2 and will not intentionally permit its power demands to exceed the contract demand or the power factor to fall below 85%.

If by reason of such parallel operation, the Commission shall inadvertently receive electrical power from the Company at a lower power factor than herein provided, or in excess of the amount of the then contract demand, then the Commission shall not be subject to any charge hereunder for such excess taking of power and such excess taking shall not increase the contract demand as herein defined or increase the amount of the payment provided for in Sub-clause (*b*) of Clause 3 and shall not increase or affect, in any way, any obligation of, or impose any obligation upon the Commission hereunder; excepting that the Company shall forthwith notify the Commission of such excess and thereupon both parties shall exercise all skill and diligence so as to limit to the utmost such excess taking to a minimum amount and to the shortest possible period of time reasonably necessary for the proper adjustment of the load and power factor between the various generating plants;

2. (*e*) The Commission at any time or times, and otherwise than provided in Clause 2 (*d*) may, on notice in writing to the Company, take electrical power in excess of the then contract demand up to but not exceeding 10% in excess of the then contract demand; in each month in which any such excess is taken, the amount taken comprising both the then contract demand and such excess shall be deemed to be the contract demand for that month for all purposes under this Agreement; provided that the Commission shall in each year pay to the Company, as a minimum for not less than the equivalent of four months' taking of the said ten per cent. (10%) in excess of contract demand, whether any such excess is taken or not; provided, further, that except for the purposes of this Sub-clause nothing contained in this sub-clause shall affect the provisions of Sub-clauses (*a*) and (*b*) of Clause 1.

2. (*f*) If the Commission shall take in any week more kilowatt hours than it is entitled to take in such week, and the Company shall not in advance of such excess taking have filed with the Commission a protest against the same, then upon notice, in writing from the Company, the Commission will adjust the matter by making a corresponding reduction in its takings in the next following week in which its requirements permit it to do so, and the Commission shall not be subject to any charge for such excess taking, or for any delay in making good the same. A protest from the Company for the purpose of this clause must be based upon a prior excess taking by the Commission and may not cover a period beyond the six months next following such excess taking. After receipt of such protest and during the period covered thereby, the Commission shall limit its weekly taking to the number of kilowatt-hours which it is entitled to take hereunder; always provided that the Company, so far as practicable, regulates the rate of delivery of power and the kilowatt-hours from time to time, as the Commission may direct.

2. (*g*) The Company shall be considered to have held available for the Commission in each week all the power and energy to which the Commission was entitled in that week unless the Company has failed so to do and the Commission complains forthwith of the Company's failure to have the power and energy available as aforesaid and within fourteen (14) days after the end of the week in which the failure occurs the Commission shall have given to the Company written notice of the complaint;

2. (*h*) The Commission and the Company will co-operate in respect of all matters of common interest, including plant and equipment, design, hydrology and storage, provided that the Commission and the Company shall each have the final decision and be responsible for its respective plants and properties. The Commission and the Company will also co-operate in respect of design and control, protective communication and other such features, as necessitate similar or co-ordinated equipment at the plants of each party. The Commission and the Company shall also install only first-class, modern equipment of such characteristics and type as are best suited for the service intended, and from time to time make such commercially reasonable changes in, or additions to, such equipment (other than major equipment), as will best serve the system as a whole. The Commission and the Company shall exercise all due skill and diligence, so as to secure the satisfactory operation as a system, of the plant, apparatus, and property of both the Commission and the Company.

3. The Commission agrees:

(*a*) To take from the Company all the electrical power and energy mentioned in Sub-clause (*a*) of Clause 1 at the times therein provided or at such earlier dates as may be required.

3. (*b*) To pay to the Company in monthly payments for the then contract demand at the following rates, namely:

(1) For that part of the contract demand taken by the Commission at Ottawa as hereinafter provided which part shall not be less than approximately 25% of the contract demand at the rate of fifteen dollars ($15.00) per horsepower per annum;

(2) For the remainder of the contract demand at the rate of Fourteen Dollars and Seventy Cents ($14.70) per horsepower per annum delivered as at Smith's Falls;

the said monthly payments shall be subject always to adjustments as in this Agreement provided;

The Commission agrees to make all payments to be made by it under this Agreement in lawful money of Canada or if demanded in gold of the present standard of weight and fineness in Canada, provided that if Canada suspends payment in gold then during the time of such suspension payments shall be made in lawful money of Canada, at such bank as the Company may designate in writing from time to time in the city of Toronto.

3. (*c*) To pay each said monthly payment to the Company after receipt of a bill therefor which shall be rendered by the Company to the Commission on the Tenth day of each month for the amount owing for the preceding month on or before the Twentieth day of the then current month; and all payments in arrears shall bear interest at the rate of Six per cent. (6%) per annum; provided, further, that if the Commission or the Company be entitled to any adjustment in respect of any such bill such adjustment shall be given effect to in the monthly payment next falling due.

3. (*d*) At all times to take and use the power and energy in such a manner that the current will be equally taken from the three phases and in no case shall the difference in current between any two phases be greater than five per cent. (5%). If such difference be greater than five per cent. (5%), the Commission, upon instructions from the Company, shall so adjust its load as to comply with these requirements.

3. (*e*) To give to the Company notice in writing from time to time of all power and energy in excess of the then contract demand which the Commission desires from the Company and is entitled to under this agreement; provided that so long as the contract demand after increase by the said additional power and energy does not exceed sixty thousand horsepower (60,000 H.P.) the Company shall not be obliged to deliver the said additional power and energy until one year after the receipt of such notice if generating equipment in addition to the then existing generating plants or new hydro-electric development is required for the delivery of the said additional power and energy and for the provision of such a reserve as may be necessary for the next ensuing increase in minimum power to be held available under subclause (*a*) of Clause 1 or such lesser period as may be necessary to provide such equipment and/or development; provided further that when the contract demand after increase by the said additional power and energy exceeds sixty thousand horsepower (60,000 H.P.) the Company shall not be obliged to deliver the said additional power and energy until one year after the receipt of said notice if generating equipment in addition to the then generating equipment is required for the delivery of the said additional power and energy nor until two years after the receipt of said notice if new hydro-electric development is required for the delivery of the said additional power and energy or such lesser periods as may be necessary to provide such equipment and/or development.

Within one month after receipt of the said notice from the Commission the Company shall give to the Commission notice in writing stating when the Company will have available and be ready to deliver the power and energy mentioned in the Commission's notice.

If the Company shall give notice to the Commission as hereinbefore provided that the Company requires time to make the same available then the Commission during the interval may obtain the said power elsewhere.

All 60 cycle power purchased by the Commission to meet the Commission's requirements for the Commission's central Ontario, Rideau, St. Lawrence and Ottawa Systems other than power already contracted for, by or being supplied to the Commission shall be purchased from the Company until the contract demand under this Agreement shall have reached 100,000 horsepower or shall have been fixed at a lesser amount on the First day of October, 1938; provided always that if the Company fails to have power available at the times provided and in accordance with the terms of this Agreement then the Commission in addition to its other rights hereunder may purchase the said 60 cycle power elsewhere.

The Commission at any time may itself develop power.

3. (*f*) To give the Company from time to time, such information as it reasonably can regarding its expected requirements in kilowatt-hours from the Company, particularly as to any probable reduction in such requirements for any prospective period of light load. The intent of the parties in this Clause is so far as is possible by reasonable co-operation to provide for the most economic use of the Company's storage waters.

4. (*a*) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters, so arranged as to measure and record accurately the said power and energy.

4. (*b*) The weekly taking of energy shall be determined from the weekly readings of the said kilowatt-hour meters. The power delivered under this Agreement shall be that recorded by the above-mentioned polyphase recording demand meters and the demand shall be the greatest integrated demand for any twenty (20) consecutive minutes as determined from coincident readings of the meters used in the measurement of this power.

4. (*c*) The power and energy covered by this Agreement shall be kept available for delivery to the Commission and shall be delivered at two points of delivery in the Province of Ontario, namely, at the Western boundary of the City of Ottawa; and at the Northern boundary of the Town of Smiths Falls.

4. (*d*) The point of measurement for the power and energy supplied under this Agreement shall be at the generating plant or plants of the Company and/or at, or near the points of delivery by meters provided, installed and maintained by the Company.

Whenever the said measuring instruments are connected at other than the points of delivery, their readings shall be subject to a correction and shall be corrected to give readings such as would be obtained by instruments connected at the points of delivery; such correction shall be based, as far as possible, on actual tests made on the apparatus concerned, or on calculations, based on a certified test data to be in accordance with the standard rules of the American Institute of Electrical Engineers.

Readings from the said kilowatt-hour meters shall be taken daily at the same hour and recorded on forms provided by the owner of the meters. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the owner of the meters to the other party and such records shall be finally forwarded to the Commission and filed with the Commission, to be available for inspection of both parties at all reasonable times.

The Company will provide and maintain a suitable communication system between its plants and the points of delivery.

4. (*e*) Access to said instruments, transformers and other measuring equipment of either party shall be free to the other party at any and all times, and either party may test any such measuring equipment oi the other party at any reasonable time in the presence of a Representative of the other party by giving to the other party seven (7) days' previous notice in writing of its desire to test such measuring equipment;

4. (*f*) The owner of the measuring instruments agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days. The other party hereto shall be advised at least five (5) days before the day of the test, so it may, if it so desire, have a representative present to witness and verify such test. At any time, the Commission notifies the Company that it believes that such meters, or any of them, are not within the closest practicable agreement with perfect accuracy, said meter or meters shall be jointly tested within five (5) days from the receipt by the Company of the said notice. If any meter shall be found on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected. The Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time. During any time there is no meter in service, it shall be assumed that the energy consumed is the same as for other days of the same month on which a similar load existed.

4. (*g*) The Commission may, from time to time at its option install duplicate measuring equipment including necessary current and potential transformers at the points of measurement for the purpose of checking the records obtained from the Company's measuring equipment or for any other purpose.

4. (*h*) Each party shall be responsible for any damage to property or apparatus furnished by the other party for the purpose of supplying or measuring power hereunder and installed on its property, providing such damage originates from a source external to said apparatus of the other party and is not due to defects in the apparatus of the other party.

4. (*i*) The kilowatts, kilovolt-amperes, kilowatt hours, or any other factors or quantities shall be determined directly or indirectly from the measuring equipment provided for in this Clause 4, and the University of Toronto electrical standards shall be used as the final reference as to the accuracy of the measuring equipment.

5. (*a*) The maintenance by the Company of approximately the agreed voltage, at approximately the agreed frequency, as herein provided, together with the ability of the Company to meet the requirements of the Commission under this Agreement shall constitute the delivery of power involved in this Agreement, provided, however, that the provision in Clause 2 (*a*) as to 2% regulation of voltage shall apply only at the points of generation.

5. (*b*) In case the Company shall, at any time or times, be prevented from delivering, or the Commission from receiving the said power, or any part thereof, by strikes, lock-outs, riots, fire, invasion, explosion, hurricane, flood, act of God or the King's enemies, then to the extent of such prevention, the Company shall not be bound to deliver and the Commission shall not be bound to pay for such power during such time.

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Company shall, without any delay, deliver said power as aforesaid and the Commission shall pay for the same.

5. (*c*) The Company shall have the right at reasonable times and when possible after due notice has been given to the Commission to discontinue or reduce to the extent necessary the supply of power to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming or transmitting equipment of the Company, but all such interruptions, total or partial, shall be of a minimum duration, and, when possible, arranged for at a time least objectionable to the Commission.

During such interruptions, the Commission shall be released from its obligations to pay for such power as the Commission is entitled to receive and the Company fails to deliver or to hold available for the Commission.

6. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the Company pertaining to the power developments at which the power supplied under this Agreement is generated, and to take and obtain records therefrom as required. Representatives of the Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the power supplied under this Agreement.

7. If any dispute arise between the parties hereto relative to the fulfilment of any of the terms, provisos or conditions of this Agreement or as to the method or accuracy of the measurement of power, or any other question,which may arise under this Agreement, the same shall be referred to arbitration under the present Arbitration Act of the Province of Ontario, R.S.O. 1914, Chapter 65, and shall be determined under the laws of the Province of Ontario and the findings of the said arbitrator or arbitrators shall be final and binding on both parties hereto except that either party may appeal from an award of the arbitrators as provided in the said Arbitration Act, and that the right of appeal to the Supreme Court of Canada and to the Privy Council shall not be limited.

8. In case of failure of the Company to have available in any week the full amount of electrical energy (kilowatt-hours) to which the Commission is entitled in such week there shall be a proportionate reduction in the sums payable by the Commission to the Company at the end of the month in respect of such week, that is the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt-hours which the Company fails to have available bears to eighty-eight (88) times the then contract demand in horsepower.

In case of the failure of the Company during any period to have available the full amount of electrical power (horsepower) to which the Commission is entitled hereunder, there shall be a proportionate reduction in the sum payable by the Commission to the Company for such period, that is, the amount accrued due from the Commission to the Company during such period shall be reduced by a sum having the same ratio to such accrued amount as the average number of horsepower of electrical power which the Company fails to have available during such period bears to the then contract demand in horsepower; no reduction shall, however, be made in respect of inadvertent failure of less than an aggregate of twenty minutes in any one week; provided that if during the week including such period the load factor of the electrical energy delivered to the Commission exceeds seventy per cent. (70%) of the contract demand as reduced by such average number of horsepower of electrical power which the Company fails to have available throughout such week the Commission shall credit on the reduction a rateable payment for the excess kilowatt hours.

Provided further that in respect of any one week the Commission shall be entitled to only one reduction in the amount owing for such week, such reduction being either in respect of energy or in respect of power whichever reduction shall be greater.

In addition if any such failure of the Company be due to causes within its control (deficiency of stream flow or any interruption mentioned in Sub-clauses (*b*) and (*c*) of Clause 5 shall not be deemed to be within the control of the Company) the Company shall pay to the Commission as liquidated damages agreed and fixed upon beforehand a sum of money equal to one hundred per cent. (100%) of the reduction so made in the sums payable by the Commission to the Company.

If in any period of twelve months while this Agreement remains in force the Company fails for a total of twenty-six weeks to have available the full amount of electrical power and energy which is necessary to perform the Company's obligation under this contract then notwithstanding anything in this Agreement the Commission at its option, by notice in writing to the Company given not later than three months after termination of such period, may to the extent of the deficiency reduce the said contract demand and purchase electrical power and energy elsewhere.

In case any of the works of the Company are wholly or partly destroyed and rendered unfit for service so as to prevent the Company from fulfilling its obligations under this contract, or so as to materially interfere with the Company in fulfilling its obligations, and such conditions shall exist for a period of six months without the Company taking such steps as the Commission consider satisfactory to remedy the same, the Commission may, in case the disability is total, cancel this Agreement, or in case such disability is only partial, reduce the contract demand to the delivery of the amount of power which, in the opinion of the Commission, the Company is capable of delivering under the circumstances.

9. The Commission may pursue any or all of its remedies either concurrently or in the alternative and may treat as cumulative any or all of its remedies hereunder. The Commission may waive any default under this Agreement but such waiver shall be limited to the particular instance and shall not affect the Commission's rights under this Agreement.

10. This Agreement shall be binding upon both parties hereto, upon its execution and shall continue in force for a period of forty years from the First day of October, 1928, and shall end on the Thirtieth day of September, 1968.

11. Each party shall be entitled at any time prior to thirty days after written notice given by the other party after the termination of this Agreement, to remove from the premises of the other party any and all plant, apparatus and equipment which may have been installed by it for the supply or measurement of power hereunder.

12. The Commission agrees to observe strictly, all Quebec and other laws affecting the exportation outside of Canada of the electrical power and energy supplied by the Company to the Commission under this Agreement.

13. The rates to be paid and payments to be made by the Commission, as set out in sub-clause (*b*) of Clause 3, shall, subject to the provisions of this Agreement include all compensation to the Company for all taxes, rentals, licenses, fees and charges that may be levied, or assessed or imposed by Dominion, Provincial or Municipal or any other authority for or during the term of this Agreement, or any part thereof. If, however, while this Agreement shall continue in force (1) any Dominion or Provincial taxes or charges not now in existence should be created, or any now existing be increased, or (2) the rentals or royalties which are payable, be increased in such manner as to increase the cost to the Company by reason of these items of the electrical power and energy kept available for and delivered to the Commission under this Agreement, then in each and any such case, an increase shall be made in the payments by the Commission to the Company hereunder which shall after crediting any reduction in any of such items exactly compensate the Company for the increase thereby occasioned in the cost to the Company of the electrical power and energy kept available for and delivered to the Commission under this Agreement; provided that Workmen's Compensation and any rates or charges in respect thereof shall not be deemed a tax for the purposes of this Clause and the liabilities and obligations of the Commission shall not be in any way increased thereby but the same shall be borne by the Company.

The recently authorized educational tax of the Province of Quebec not yet promulgated is not considered as now in existence.

14. The transmission lines and equipment in Ontario constructed or used by the Company for the purpose of delivering electrical energy under this Agreement shall be used solely for the said purpose and no electrical power or energy shall be transmitted or sold by means of the said lines and equipment except to the Commission.

15. All written notices which are required to be sent hereunder by either party to the other shall be sent by registered letter to such address, or addresses, as each party may, from time to time, file with the other. The parties agree each to maintain its address on file with the other.

In witness whereof the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

I.B.L.
HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

Approved:
GEO. H. KILMER.
G. T. CLARKSON.
F. A. GABY.

(Sgd.) C. A. MAGRATH,
*Chairman.*

Corporate Seal of
the Commission.

(Sgd.) W. W. POPE,
*Secretary.*

GATINEAU POWER COMPANY.

(Sgd.) A. R. GRAUSTEIN,
*President.*

(Sgd.) F. C. SIMONS,
*Secretary.*

2

This Indenture dated the 28th day of December, A.D. 1927.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
hereinafter called "the Commission,"
of the First Part;

—and—

GATINEAU POWER COMPANY, hereinafter called "the Company,"
of the Second Part,

Whereas by an Agreement bearing date the 28th day of December, A.D. 1927 (hereinafter called the "contract") the Company agreed to deliver to the Commission, electrical power and energy for the price and on the terms therein set forth, and it has been agreed between the parties to vary certain provisions of the said Agreement and to add certain provisions thereto as hereinafter set forth.

Now it is hereby agreed:—

1. That the point of delivery of the electrical power and energy which the Company by the said contract agrees to deliver to the Commission shall be at a point on the interprovincial boundary between the Provinces of Ontario and Quebec between Remic Rapids and Lake Deschenes.

2. That the price or rate to be paid by the Commission to the Company for all electrical power and energy delivered to the Commission thereunder shall be according to the following schedule:

$14.55 per horsepower per annum until such time as the contract demand (not including the excess power under sub-clause (*e*) of Clause 2 of the said agreement reaches Eighty thousand horsepower (80,000 H.P.).

$14.50 per horsepower per annum from the time when such contract demand (not including the excess power under sub-clause (*e*) of Clause 2 of the said agreement) reaches Eighty thousand horsepower (80,000 H.P.) until it reaches one hundred thousand horsepower (100,000 H.P.).

$14.45 per horsepower per annum from the time the contract demand (not including the excess power under sub-clause (*e*) of Clause 2 of the said agreement) reaches one hundred thousand horsepower (100,000 H.P.) to the end of the contract.

In addition thereto the Commission shall pay to the Company Thirty cents (30c) per horsepower per annum for all of the said electrical power or energy taken by the Commission at or near the Western boundary of the City of Ottawa, in the County of Carleton; Further, the Commission agrees that it will take at or near the Western boundary of the City of Ottawa not less than twenty-five per cent. (25%) of the contract demand under the said contract, and to the extent that the power and energy taken by the Commission at or near the Western boundary of the said City of Ottawa shall be less than twenty-five per cent. (25%) of the contract demand the Commission shall pay to the Company thirty cents (30c) per horsepower per annum on the amount of such deficiency. The rates hereby fixed are in lieu of the rates provided to be paid in and by the said contract and constitute an exact and agreed equivalent of the said rates having regard to the variation in the said contract hereby made.

3. The power and energy delivered under the said contract as hereby varied shall be measured as at the said interprovincial boundary.

4. The Company shall pay to the Commission the sum of Thirty Thousand Dollars ($30,000.00) per annum payable monthly during the period of five years from the 1st day of October, 1928, or until the construction by the Commission of a second circuit or transmission line for the transmission of the said power and energy by the Commission within the Province of Ontario, whichever shall be the later date, and thereafter shall pay to the Commission the sum of Sixty Thousand Dollars ($60,000.00) per annum payable monthly during the remainder of the period of forty years from the 1st day of October, 1928, mentioned in the said contract; such monthly payments shall be made on the 20th day of each month commencing with the 20th day of November, 1928, and the last payment on the 20th day of October, 1968; And the Company shall be relieved of all obligations under the said contract

for the construction, maintenance and operation of transmission lines and communication systems within the Province of Ontario under the said contract. The Commission shall complete the first circuit or transmission line on or before the 1st day of October, 1928.

5. In case the Commission shall desire to renew the said contract as hereby amended and shall give to the Company notice of intention to renew the said contract at least five years prior to the 1st day of October, 1968, and shall pay to the Company the sum of Five Thousand Dollars ($5,000), the Company shall renew the said contract upon the same terms as provided in the said contract as amended hereby (except as hereinafter provided and) except as to rates for power for such period or periods not exceeding forty years in all as the Company may at the time of such notice or at any time or times thereafter be entitled to generate electric power and energy from the power developments from which the power and energy shall have been supplied under the said contract; said rates for power and energy shall unless the parties agree be determined by arbitration in the same manner as is provided by the said contract for the determination of disputes thereunder.

The said contract if renewed shall not include any obligation upon the Company to pay any sums whatever as provided in paragraph 4 hereof.

6. The Company shall with this Agreement deliver to the Commission the undertaking of the Canadian Hydro Electric Corporation, Limited, for the due performance of this Agreement and the said contract by the Company which undertaking shall be in the following form:

Hydro-Electric Power Commission of Ontario,
190 University Avenue,
Toronto, Ontario.

Dear Sirs:

We hand you herewith an agreement between you and Gatineau Power Company and supplementary agreement.

1. Gatineau Power Company will perform its obligation under the said agreements and in default thereof we will perform the obligations under the said agreements; provided that you and Gatineau Power Company may alter and vary the terms of the said agreements, or dispense with one or more of them, and that you may in your discretion at any time or times take and receive from Gatineau Power Company any security whatsoever and grant any extension of time thereon or on any liability of Gatineau Power Company; and provided further that neither we nor Gatineau Power Company shall be released from any liability hereunder, or any such liability in any way affected by any such alteration or variation in or dispensing with any of the said agreements, or by such taking or receiving of security, or extension of time, or by any dealing or transaction or forbearance which may take place between you and Gatineau Power Company; and you shall not be required to give us any notice thereof or of any default by Gatineau Power Company.

2. We will substitute a more formal guarantee for this guarantee if you so request.

It is understood that our liability hereunder will terminate and you will give us a formal discharge hereunder whenever the ability of Gatineau Power Company to discharge its obligations under the said agreements has been demonstrated to your satisfaction or the fulfilment of the agreements by the Company has been otherwise secured or guaranteed to your satisfaction.

Yours very truly,

Canadian Hydro Electric Corporation, Limited

.................................................
*President.*

.................................................
*Secretary.*

Accepted and agreed to.

The Hydro-Electric Power Commission of Ontario

.................................................
*Chairman.*

.................................................
*Secretary.*

7. The Company shall not be liable for any partial or total failure to deliver electrical power or energy under the said contract as hereby amended which is wholly due to the act of the Province of Quebec.

In witness whereof, the parties hereto have caused this Agreement to be executed under their corporate seals and the hands of their duly authorized officers.

"I.B.L."

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

Corporate Seal
of Commission.

"C. A. MAGRATH,"
*Chairman.*

"W. W. POPE,"
*Secretary.*

GATINEAU POWER COMPANY.

Corporate Seal
of Company.

"A. R. GRAUSTEIN,"
*President.*

"F. G. SIMONS,"
*Secretary.*

"Approved
"GEO. H. KILMER"
"G. T. CLARKSON"
"F. A. GABY"
"G.G.G.
"J.L.M. (6 sheets)"
"Approved
"G.T."

## SCHEDULE "C"

BETWEEN:

### THE HYDRO-ELECTRIC POWER COMMISSION

—AND THE—

### BEAUHARNOIS LIGHT, HEAT AND POWER COMPANY

1. AGREEMENT, AS OF 29TH OF NOVEMBER, 1929.

### 1

This Indenture made in duplicate this twenty-ninth day of November, A.D. 1929.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
hereinafter called the "Commission,"

Of the First Part;

—and—

BEAUHARNOIS LIGHT, HEAT AND POWER COMPANY,
a Quebec Corporation, hereinafter called the "Company,"

Of the Second Part.

Whereas the Commission, acting under *The Power Commission Act*, R.S.O. 1927, Chapter 57, and Amendments thereto, is authorized to enter into an agreement for a supply of electrical power and energy to the Commission:

And whereas the Company is duly incorporated by Statutes of the Legislature of the Province of Quebec, for the purpose of the production and sale of electrical power and energy and is prepared to sell and deliver electrical power and energy to the Commission;

Now therefore this Indenture witnesseth that for the considerations herein contained, the Parties hereto covenant, promise and agree as follows:

1. The Company Agrees:—

(*a*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, commencing on the First day of October, 1932, and thereafter so long as this Agreement shall continue in force, Thirty-five Thousand Horsepower (35,000 H.P.) of electrical power and energy on the conditions herein contained; Thirty-five Thousand Horsepower (35,000 H.P.) shall be the contract demand until such contract demand is increased, as provided in sub-clause (*b*) next following:

1. (*b*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, commencing on the First day of October, 1933, and thereafter so long as this Agreement shall continue in force, an additional Forty Thousand Horsepower (40,000 H.P.) of electrical power and energy on the conditions herein contained, making a total contract demand of Seventy-five Thousand Horsepower (75,000 H.P.) until such contract demand is increased, as provided in sub-clause (*c*) next following:

1. (*c*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, commencing on the First day of October, 1934, and thereafter so long as this Agreement shall continue in force, an additional Fifty-four Thousand Horsepower (54,000 H.P.) of electrical power and energy on the conditions herein contained, making a total contract demand of One Hundred and Twenty-nine Thousand Horsepower (129,000 H.P.) until such contract demand is increased, as provided in sub-clause (*d*) next following:

1. (*d*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, commencing on the First day of October, 1935, and thereafter so long as this Agreement shall continue in force, an additional Sixty-seven Thousand Horsepower (67,000 H.P.) of electrical power and energy on the conditions herein contained, making a total contract demand of One Hundred and Ninety-six Thousand Horsepower (196,000 H.P.) until such contract demand is increased as provided in sub-clause (*e*) next following:

1. (*e*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, commencing on the First day of October, 1936, and thereafter so long as this Agreement shall continue in force, an additional Fifty-four Thousand Horsepower (54,000 H.P.) of electrical power and energy on the conditions herein contained, making a total contract demand of Two Hundred and Fifty Thousand Horsepower (250,000 H.P.), which shall constitute the maximum contract demand under this Agreement.

1. (*f*) In the event of the diversion of water by the Company being measured not by maximum, but by daily average, or otherwise, then to deliver to the Commission, whenever required by the Commission, subject to Clause 2 and Clause 5, electrical power to the extent that such average or other method of measurement will permit, but only pro rata to the total power developed by the Company at Beauharnois Station up to a maximum of Fifteen per cent. (15%) over the then contract demand without increasing the then contract demand, or without increasing the obligation of the Company to install spare equipment specified in Clause 1 (*g*), or any obligation of the Commission to pay under this Agreement.

1. (*g*) To install at its Beauharnois Power Development, sufficient equipment and spare equipment to insure fulfilment at all times of the terms of this Agreement, and for this purpose the Company shall provide excess or spare capacity, so that at all times the ratio of total capacity to contract demand shall be not less than One Hundred and Fifteen per cent. (115%).

2. (*a*) The power and energy delivered hereunder shall be alternating, three-phase, having a controlled average periodicity of twenty-five (25) cycles per second, and a pressure between phase wires not exceeding the commercial maximum voltage of approximately Two Hundred and Forty Thousand Volts (240,000 V.) subject to a reduction from time to time as the Commission may direct of not over Fifteen per cent. (15%) from the determined maximum voltage, and the equipment and apparatus installed by the Company in its Plants shall be suitable for operation to maintain this condition; the Company shall maintain under normal operating conditions, the generator voltage within Two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid, and shall install suitable equipment and apparatus for such purposes.

2. (*b*) Whenever the Commission shall require, from time to time, the Company shall increase or decrease the voltage and frequency of its Plant or Plants, within safe operating limits of the then existing equipment of such Plant or Plants to the extent required by the Commission, in order to insure operation satisfactory to the Commission in parallel with the other sources of supply. It is understood and agreed that in operation of Plants in parallel, the control of power factor and delivery of power in any generating Plant, is, to a large extent within the control of the operators in that Plant, and the Company agrees, so far as it can do so with its equipment installed, to operate its Plant so as to maintain power factor at its point of measurement to the Commission, and, also the delivery of power within the limits directed by the Commission, from time to time, provided that by so doing, it shall, if, and to the extent necessary, be relieved from its obligations as to voltage and frequency regulation specified in Clause 2 (*a*):

2. (*c*) The Commission shall be entitled to the contract demand up to a maximum weekly load factor of Eighty-five per cent. (85%) thereof, and no more; that is to say, that during each week after October 1st, 1932, so long as this Agreement shall remain in force, the Commission shall be entitled, subject to the provisions of Clause 5, to receive such electrical energy as it shall require not in excess of One Hundred and Six and Fifty-three Hundredths Kilowatt-hours (106.53 kw.h.) for each horsepower of contract demand.

On Sundays and holidays the Commission, at the request of the Company, shall take not less than Three (3) Kilowatt-hours for each horsepower of contract demand; On Saturdays the Commission, at the request of the Company, shall take not less than Seven (7) Kilowatt-hours for each horsepower of contract demand.

In the event of any change in the contract demand occurring other than at the beginning of a week, the Commission shall be entitled to receive the same number of kilowatt-hours for each horsepower of contract demand each day for the remainder of the week as were received for each horsepower of contract demand during the corresponding days of the last preceding week.

A week for the purposes of this Agreement shall commence at such time during the calendar week as the Commission shall give notice in writing to the Company.

2. (*d*) The maximum amount of the electrical power or energy delivered by the Company at any time when the ratio of the kilowatts to the kilovolt amperes is less than Eighty-five per cent. (85%), shall be Eighty-five per cent. (85%) of the kilovolt amperes considered as true power or kilowatts.

2. (*e*) In the application of the provisions of this Agreement, the Company shall be entitled to the same credit for horsepower and kilowatt-hours held available for the Commission, but not taken by the Commission, as if the same had been taken by the Commission, and except as provided in Clause 5, no failure by the Commission to provide the necessary transmission and other facilities to receive such power, and no failure to use the same, shall relieve the Commission from any of its obligations to make the full amount of payment herein specified to be made by it. For all purposes of this Agreement, the Company shall be considered to have held available for the Commission in each week, all the horsepower and kilowatt-hours to which the Commission was entitled in that week, unless the Company fails to have available the power which the Commission is entitled to and asks for under the provisions of this Agreement and the Commission complains of such failure at the time, and unless within Fourteen (14) days, or other time agreed upon, after the end of that week, the Commission shall have given to the Company written notice of the fact and approximate amount of the deficiency.

2. (*f*) If the Commission shall inadvertently take in any week, more kilowatt-hours than it is entitled to take in such week, the Commission will, upon request from the Company, adjust the matter by making a corresponding reduction in its takings in the next following three week period thereafter; always provided that the Company, so far as practicable, regulates the rate of delivery of power and the kilowatt-hours from time to time as the Commission may direct, as provided herein. But if, after receipt of such request from the Company, the Commission shall not during such three week period make good such excess taking and correspondingly reduce its takings during such three week period, then the Commission shall pay the Company for any excess energy so taken and not made good, as aforesaid, at twice the contract kilowatt-hour rate, which rate is a penalty rate and is not to be considered as giving the Commission the right to take intentionally excess energy.

2. (*g*) Because of the fact that the high voltage circuits involved in this Agreement will be physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the systems involved, it is necessary that the Commission and the Company co-operate.

The Commission and the Company will co-operate in respect of all matters of common interest, including without limiting the generality of the foregoing, design of plant and equipment, and design of control, protective communication and other features, which necessitate similar or co-ordinated equipment.

The Commission and the Company shall install only first-class modern equipment, of such characteristics and type as are best suited for the service intended, and shall, from time to time, make such commercially reasonable changes in, or additions to said equipment (other than major equipment) as will best serve to maintain the system as a whole, in accordance with good practice in the art as developed from time to time.

The Commission and the Company shall each be entitled to the final decision in respect of the design of its own plant and property, other than such features thereof as necessitate similar or co-ordinated equipment at the plant of each party as aforesaid; in the event of the Commission or the Company exercising such right of final decision, then the Commission or the Company, as the case may be, shall be responsible for the suitability for the purpose intended of plant or equipment constructed according to the design selected by it.

The Commission and the Company shall exercise all due skill and diligence, so as to secure the satisfactory operation as a system of the plant, apparatus and property of both the Commission and the Company, including, without limiting the generality of the foregoing, parallel operation, voltage, power factor and any problems which may arise in connection with the use of the high voltage specified and length of lines contemplated.

3. The Commission Agrees:

(*a*) To pay to the Company, in monthly payments for all power and energy under this Agreement, at the rate of Fifteen Dollars ($15.00) per annum per horsepower of the contract demand, as follows:—

> Forty-three Thousand Seven Hundred and Fifty Dollars ($43,750.00) per month from 1st October, 1932, until 1st October, 1933;
>
> Ninety-three Thousand Seven Hundred and Fifty Dollars ($93,750.00) per month from 1st October, 1933, to 1st October, 1934;
>
> One Hundred and Sixty-one Thousand Two Hundred and Fifty Dollars ($161,250.00) per month from 1st October, 1934, to 1st October, 1935;
>
> Two Hundred and Forty-five Thousand Dollars ($245,000.00) per month from 1st October, 1935, to 1st October, 1936;
>
> Three Hundred and Twelve Thousand Five Hundred Dollars ($312,500.00) per month, from 1st October, 1936, and thereafter so long as this Agreement shall continue in force.

The amount of Dollars per month is obtained by multiplying the amount of the then contract demand, as determined in Clause 1 hereof, by one and one-quarter (1¼); the said monthly payments being subject always to adjustment, as in this Agreement provided.

3. (*b*) To make all the payments to be made by it under this Agreement in lawful money of Canada, by depositing the same to the credit of the Company at such Bank or other place in the City of Toronto, in the Province of Ontario, as the Company may, from time to time, designate, and to pay the said monthly payments to the Company on the Twentieth day of each calendar month for the accrual of the preceding calendar month, the Company to render the bill on or before the tenth day of the month, provided that, if any bill remains unpaid on the Twentieth of the month in which it is rendered, the Commission shall thenceforth be in arrears for said payment, and all payments in arrears shall bear interest at the rate of six per cent. (6%) per annum; provided, further, that if the Commission or the Company be entitled to any adjustment in respect of any such payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment; every such adjustment shall include interest at the said rate of six per cent. (6%) per annum on the amount allowed from the twentieth day of the month in respect to which such adjustment is allowed.

3. (*c*) At all times to take and use the electrical power in such manner that the current will be equally taken from the three phases, and in no case shall the difference in current between any two phases be greater than five per cent. (5%). If such difference be greater than five per cent. (5%) the Commission upon instructions from the Company shall so adjust its load as to comply with these requirements.

3. (*d*) At all times to take and use the power and energy set out in Clauses 1 (*a*), 1 (*b*), 1 (*c*), 1 (*d*), 1 (*e*) and 1 (*f*) hereof so as not to exceed the weekly takings, as specified in Clause 2 (*c*) herein.

4. (*a*) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters satisfactory to the Commission provided and installed by the Company, and so arranged as to measure and record accurately the said power and energy respectively. Readings from the said kilowatt-hour meters shall be taken daily at the same hour, and recorded by the Company on forms supplied by the Commission. Records from the said recording demand meters and the said integrating kilowatt-hour meters shall be dated and forwarded promptly by the Company to the Commission and such records on file with the Commission shall be available to the Company for inspection at all reasonable times.

4. (*b*) The power delivered and the demand in horsepower or either of them for the purpose of this Agreement shall be the integrated amount of power for twenty (20) consecutive minutes as determined from coincident readings of the above mentioned polyphase recording demand meters, provided that nothing in this sub-clause shall be construed as increasing any obligation of the Company under Clause 1 or the obligation of the Commission to pay under this Agreement.

4. (*c*) The weekly taking of the energy shall be determined from the weekly readings of the said integrating kilowatt-hour meters.

4. (*d*) The power and energy covered by this Agreement shall be delivered at approximately two hundred and forty thousand volts (240,000 V.), subject to Clause 2 as hereinbefore mentioned at the boundary between the Provinces of Ontario and Quebec, not further than five miles from Lake St. Francis, and the Company shall install the suitable and necessary transformers and transmission lines with circuits all of a number, type and capacity approved

by the Commission. All electrical power and energy supplied under this Agreement, shall be measured at the two hundred and forty thousand (240,000) volt step-up transformers at the Company's Beauharnois Station on the generator voltage side thereof, and no adjustment of such measurement shall be made for the loss in single step transformation from generator to transmission voltage (approximately 240,000 volts) nor for transmission loss to the point of delivery; the said transformer loss and said transmission loss at the said voltage from the transformer station to the point of delivery having already been allowed for, provided that if for any reason the measuring instruments are connected at other than the said point their readings shall be subject to a correction and shall be corrected to give results such as would be obtained by instruments connected at the said point.

The Company will provide a suitable communication system between its plants and the point of delivery.

4. (*e*) Access to said measuring instruments and transformers belonging to the Company shall be free to the Commission at any and all times, and the Commission may test such measuring instruments and transformers at any reasonable time in the presence of a representative of the Company, by giving to the Company seven (7) days' previous notice in writing of its desire to test such measuring instruments.

4. (*f*) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power and energy hereunder shall be provided, installed and maintained by the Company satisfactory to the Commission.

The Company agrees to test each meter installed by it to measure the electric power and energy or either of them contracted for hereunder at least once in sixty (60) days; the Commission shall be advised at least five (5) days before the day of the test so it may, if it so desires, have a representative present to witness and verify such test; at any time the Commission notifies the Company that it believes that such meters, or any of them, are not within the closest practicable agreement with perfect accuracy, such meter or meters shall be jointly tested within five (5) days of the receipt by the Company of the said notice; if any meter shall be found on regular or special test to be inaccurate, it shall be promptly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected; the Company shall repair and replace or retest defective meters or measuring equipment within a reasonable time; during any time there is no meter in service it shall be assumed that the energy consumed is the same as for the other days of the same month on which a similar load existed.

4. (*g*) The Commission may, from time to time at its option, install duplicate measuring equipment including necessary current and potential transformers at the points of measurement for the purpose of checking records obtained from the Company's measuring equipment or for any other purpose.

4. (*h*) The Company shall be responsible for any damage to property or apparatus furnished by the Commission for the purpose of supplying or measuring power or energy hereunder, and installed on the Company's property, provided such damage originates from a source external to the said apparatus of the Commission and is not due to defects in the apparatus of the Commission.

4. (*i*) The kilowatts, kilovolt amperes, kilowatt-hours and all other factors and quantities or any of them, shall be determined directly or indirectly from the measuring equipment provided for in this Clause 4, and the standards of the University of Toronto or of the recognized national authority, if there be such generally accepted, shall be used as the final reference as to the accuracy of the measuring equipment.

5. (*a*) Subject to the direction of the Commission, as provided in Clause 2, the maintenance by the Company of approximately the agreed voltage at the agreed frequency at the point of delivery, together with the ability of the Company to meet the requirements of the Commission under this Agreement shall constitute the delivery of power and energy involved in this Agreement.

5. (*b*) In case the Company shall at any time or times be prevented from delivering, or the Commission from receiving the said power and energy, or either of them, or any part thereof, by strikes, riots, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them or either of them, then to the extent of such prevention the Company shall not be bound to deliver and the Commission shall not be bound to pay for such power and energy during such time.

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus) and as soon as the cause of such interruption is removed, the Company shall, without any delay, deliver said power and energy, as aforesaid and the Commission shall pay for the same.

5. (*c*) The Company shall have the right at reasonable times and when possible, after due notice has been given to the Commission, to discontinue or reduce to the extent necessary,

the supply of power and energy to the Commission for the purpose of safeguarding life or property or for the purpose of making repairs, renewals, or replacements to the generating, transforming or transmitting equipment of the Company, but all such interruptions, total or partial, shall be of a minimum duration, and, when possible, arranged for at times least objectionable to the Commission.

During such interruptions or reductions, the Commission shall be released from its obligations to pay for such power and energy, or either of them, as the Commission is entitled to receive, and the Company fails to deliver, or to hold available for the Commission.

5. (*d*) In case of the failure of the Company in any week to have available, as set forth in Clauses 1 and 2, the full amount of electrical power and energy to which the Commission is entitled hereunder in such week, there shall be a proportionate reduction in the sums payable by the Commission to the Company in respect of such week.

5. (*e*) The amount of reduction in the sums payable by the Commission to the Company for any week, or the amount which under Sub-clauses (*b*), (*c*) or (*d*) of this Clause 5, the Commission is not required to pay to the Company in any week shall be calculated in the following manner:

For energy, the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt-hours which the Company fails to have available as aforesaid bears to 106.53 times the then contract demand in horsepower.

For power, the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the deficiency (that is, the average number of horsepower of electrical power which the Company fails to have available) averaged for the week bears to the then contract demand in horsepower, the said deficiency shall be determined as follows: For each total or partial interruption the average amount of deficiency below the contract demand shall be taken and then all the deficiencies both as to amount and length of time shall be averaged for the week in proportion to the total hours for the week, that is, the said deficiency shall be the sum total of all deficiences during the week in horsepower hours divided by the total number of hours in the week.

All such reductions shall be adjusted on the monthly bills in each case for the full weekly periods terminating within the month for which the adjustment is made; provided that if, during the week including such period, the load factor of the electrical energy delivered to the Commission exceeds eighty-five per cent. (85%) of the contract demand (as reduced by such average number of horsepower of electrical power which the Company fails to have available when required by the Commission throughout such week), the Commission shall credit on the reduction, a rateable payment for the excess kilowatt-hours; the Commission shall be entitled to only one reduction in respect of any one failure, such reduction being either in respect of energy or in respect of power, whichever shall be the greater.

No reduction shall be made for power in respect of inadvertent failure of less than an aggregate of twenty minutes in any one week.

5. (*f*) If any failure of the Company is due to causes within its control (and without limiting the generality of the foregoing words, financial difficulties of the Compay shall be deemed to be included therein), the Company, in addition to the reductions under Clause 5, shall pay to the Commission as liquidated damages in respect of every such failure occurring during the first fifteen (15) years after the commencement date, a sum equal to fifty per cent. (50%) of the reduction made in the sums payable by the Commission to the Company, as set out in Clause 3, and thereafter, a sum equal to one hundred per cent. (100%) thereof, which liquidated damages shall be in addition to said reductions. Provided, however, that deficiency in stream flow or any interruption under Clauses (5 (*b*) or 5 (*c*) shall not be included in the term "causes within its control," as used in this paragraph.

6. One or more Representatives or Engineers of the Commission designated for this purpose, may, at any reasonable time during the continuance of this Agreement, have access to the premises of the Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the Company pertaining to the power development at which the power supplied under this Agreement is generated and to take and obtain records therefrom as required. Representatives of the Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission, pertaining to the power supplied under this Agreement.

7. In case any disagreement, dispute, difference or question shall at any time hereafter arise between the Commission and the Company in respect to the construction of this Agreement or concerning anything herein contained or hereby provided for or arising thereout, or as to the rights, liabilities or duties of the Commission and the Company or either of them, the same shall forthwith be referred to a single arbitrator in case the parties can agree upon one, otherwise to two arbitrators, one to be appointed by each party to the difference, and in either case in accordance with and subject to the provisions of *The Arbitration Act* of the Province of Ontario, Revised Statutes of Ontario, 1927, chapter 97, or any statutory modifica-

tion or re-enactment thereof for the time being in force, and shall be determined in accordance with the laws of the Province of Ontario. The award of the arbitrator or arbitrators shall be final and binding upon the Commission and the Company respectively but either may appeal from the award, and the right to appeal to the Supreme Court of Canada and to the Judicial Committee of the Privy Council shall not be limited by anything herein contained.

8. This Agreement is made subject to the terms of the Company's Emphyteutic Lease of the 23rd June, 1928, from the Government of the Province of Quebec, particularly the provisions of Clause 22 thereof relating to the export of power to the United States, which provisions shall be complied with by the Commission and may be enforced by the Company.

9. The rates to be paid and the payments to be made by the Commission for power as set forth in Clause 3 shall, subject to the provisions of this Agreement, include all compensation to the Company for all taxes, rentals, royalties, licenses, fees and charges that may be levied, assessed or imposed by Dominion, Provincial or municipal orany other authority for or during the term of this Agreement or any part thereof; if, however, while this Agreement shall continue in force, (*a*) any Dominion or Provincial (but not Municipal) taxes or similar levies not now in existence be created or any now existing be increased, or (*b*) any Dominion or Provincial rentals or royalties or similar charges for the use of water not now in existence be created or any now existing be increased, in such a manner as to increase the cost to the Company, by reason of these items, of the electrical power and energy kept available for and delivered to the Commission under this Agreement, then in each and any such case, an increase shall be made in the payments by the Commission to the Company hereunder, which shall, after crediting any reduction in any such items, exactly compensate the Company for the increase thereby occasioned, in the cost to the Company of the electrical power and energy kept available for and delivered to the Commission hereunder; provided that in the event of any reduction in any such items the said increase in the payments by the Commission shall be reduced accordingly but not exceeding the total of the increase then in effect; provided that Workmen's Compensation and any rates or charges in respect thereof shall not be deemed a tax for the purpose of this Clause, and the liabilities and obligations of the Commission shall not be in any way increased thereby but the same shall be borne by the Company; the recently authorized educational tax of the Province of Quebec not yet promulgated is not considered as now in existence.

10. This Agreement shall be binding upon both parties hereto upon its execution and shall continue in force until the expiry of a period of forty (40) years, which period shall begin on the first day of October, 1932.

This Agreement may be extended for a further term of forty (40) years upon mutual agreement of the parties hereto.

11. The Commission shall be entitled at any time prior to the expiration of thirty (30) days' notice in writing, from the Company, delivered after the termination of this Agreement and the last extension thereof, to remove from the premises of the Company any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power hereunder.

12. All written notices which are required to be sent hereunder by either party to the other shall be sent by registered letter to such address, or addresses, as each party may from time to time file with the other; the parties agree each to maintain its address on file with the other.

13. This Agreement shall extend to, be binding upon and enure to the benefit of the successors and assigns of the parties hereto.

14. The Company covenants and agrees with the Commission that if at any time hereafter during the continuance of this Agreement the Company should mortgage, hypothecate or charge any of its rights or immovable property which are necessary for the development of power or energy, or any part of such property or rights, to secure bonds or debentures or other securities of like nature, any such mortgage, hypothecation or charge shall be expressly made subject to all covenants, agreements and obligations on the part of the Company in this Agreement contained and shall provide that any sale of the property or rights so mortgaged, or any part thereof, under the provisions of such mortgage shall be made subject to the obligations of the Company in this Agreement contained, and that the mortgaged premises shall not be sold except to a purchaser who shall covenant and agree with the Commission to assume and perform the obligations of the Company in this Agreement contained and in all respects succeed to the position of the Company hereunder; and it is agreed that all the said provisions shall be conditions of every contract mortgaging, hypothecating or charging the immovable property or rights of the Company which are necessary for the development of power or energy, or any part of such property or rights, and shall be expressed therein as stipulations in favour and for the benefit of the Commission.

The Company further covenants and agrees with the Commission that it will not, except by way of mortgage, hypothecation or charge, assign its emphyteutic lease of the 23rd June, 1928, from the Government of the Province of Quebec, or transfer any of its plant or immovable property necessary to the development of power or energy except to an assignee or transferee who shall covenant and agree with the Commission to assume and perform the obligations of the Company in this Agreement contained and in all respects succeed to the position of the Company hereunder.

In witness whereof the Commission and the Company have caused this Agreement to be executed under their respective Corporate Seals and the hands of their proper officers duly authorized thereto.

SIGNED, SEALED AND DELIVERED
In the presence of

W. G. H.

L. C. C.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

(Sgd.) C. A. MAGRATH,
*Chairman.*
(Seal)
Hydro-Electric
Power Commission
of Ontario.

(Sgd.) W. W. POPE,
*Secretary.*

BEAUHARNOIS LIGHT, HEAT AND POWER COMPANY.
(Sgd.) R. O. SWEEZEY,
*President.*
(Seal)
Beauharnois Light,
Heat and Power
Company.
Incorporated 1902
(Sgd.) HUGH B. GRIFFITH,
*Secretary.*

## SCHEDULE "D"

BETWEEN:

THE ONTARIO HYDRO-ELECTRIC POWER COMMISSION

—AND—

CHATS FALLS POWER COMPANY
ALSO KNOWN AS OTTAWA VALLEY POWER COMPANY

1. AGREEMENT, AS OF THE 15TH OF FEBRUARY, 1930, POWER CONTRACT.
2. AGREEMENT, AS OF THE 24TH OF FEBRUARY, 1930, OPERATING AGREEMENT.

### 1

This Agreement made in duplicate,
the 15th day of February, A.D. 1930 W.W.P.
E.R.P.
M.M.C.
A.G.M.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO,
hereinafter called the "Commission"
of the first part.

—and—

CHATS FALLS POWER COMPANY, a Quebec Corporation,
hereinafter called the "Company"
of the second part.

Whereas the Commission, acting under *The Power Commission Act*, R.S.O. 1927, Chapter 57, and amendments thereto, is authorized to enter into an agreement for a supply of electrical power and energy to the Commission;

And whereas the Company is duly incorporated under the laws of the Province of Quebec with power to produce and sell electrical power and energy;

And whereas the Commission subject to the terms of a lease from the Government of the Province of Ontario is the holder of certain rights for the development of power by and with the use of the waters of the Ottawa River at Chats Falls within the Province of Ontario;

And whereas the Company under and subject to the terms of an Emphyteutic Lease from the Government of the Province of Quebec and by freehold holds all the water power at Chats Falls on the Ottawa River within the Province of Quebec subject to the terms of the said lease and the payment of rental and Royalty except in respect of fifteen thousand horsepower (15,000 H.P.) which the Company holds in freehold as set out in the said lease which is for a term of seventy-five (75) years from the first day of March, A.D. 1926, and was made before Maitre Arthur E. Simard, Notary, of the City of Quebec, on the 22nd day of June, A.D. 1926, under Number 2359.

And whereas the Commission and the Company as owners of the rights aforesaid are co-operating in the joint development of all power available from and with the use of the waters of the Ottawa River at Chats Falls on such Ottawa River within both the Province of Ontario and the Province of Quebec, and have also agreed that the Commission and the Company are each as between themselves entitled to the use of one-half of all waters within the said Provinces which are available or which may hereafter become available for power purposes at Chats Falls on the said Ottawa River.

And whereas the Company is willing on the conditions herein contained to sell and deliver to the Commission all the electrical power and energy which it is entitled to produce from its share of the water as aforesaid and to enter into this Agreement in respect thereto; Subject to withdrawal of any such power and energy for use in the Province of Quebec as provided in the said Emphyteutic Lease and in this Agreement;

Now this Indenture witnesseth that for the considerations herein contained the Parties hereto covenant, promise and agree as follows:

1. The Company agrees:

1. (*a*) To keep available for delivery to the Commission and to deliver to the Commission when and as required by the Commission on the conditions herein contained at the point of delivery hereinafter mentioned, ninety-six thousand horsepower (96,000 H.P.) of electrical power and energy in two blocks of forty-eight thousand horsepower (48,000 H.P.) each, commencing for the first block on the first day of October, A.D. 1931, hereinafter called the "commencement date," and for the second block on the first day of October, A.D. 1932, and continuing in each case so long as this Agreement shall remain in force, which first block of forty-eight thousand horsepower (48,000 H.P.) shall be the contract demand up to the said first day of October, A.D. 1932, and thereafter the said amount of ninety-six thousand horsepower (96,000 H.P.) shall be the contract demand until such contract demand is increased, as provided in Sub-clause (*b*) of this Clause 1; the horsepower comprising the contract demand from time to time shall be measured as provided in Clause 4 (*b*).

1. (*b*) Whenever from time to time the stream flow of the Ottawa River at Chats Falls proves sufficient for the development of more than one hundred and nine-two thousand horsepower (192,000 H.P.) on the conditions herein contained whether by reason of the installation of additional storage facilities, more efficient operation of the same, increase in head or from any other cause whatsoever, then to keep available for the Commission and deliver to the Commission when and as required by the Commission and on the same conditions and at the same point of delivery all the electrical power and energy beyond the then contract demand which can be produced from the Company's half of the increased amount of water as shall be agreed upon between the Parties as capable of development, and the contract demand shall be correspondingly increased when the said power is available for delivery.

1. (*c*) To instal equipment having a total rated capacity of one hundred and eight thousand electrical horsepower (108,000 H.P.) for a contract demand of ninety-six thousand horsepower (96,000 H.P.) and from time to time thereafter whenever the contract demand is to be increased as provided in this Agreement, to instal additional equipment so that at all times the ratio of total rated capacity to contract demand shall not be less than one hundred and twelve and a half per cent. (112½%).

1. (*d*) Subject to Clause 2 and to Clause 5, to deliver to the Commission whenever required by the Commission, electrical horsepower to the extent that water is available up to the maximum available overload and spare capacity specified in Clause 1 (*c*) without thereby increasing the then contract demand.

2. (*a*) The power delivered hereunder shall be alternating, three (3) phase, having a periodicity of twenty-five (25) cycles per second and a pressure between phase wires not exceeding the commercial maximum voltage of approximately two hundred and thirty thousand (230,000) volts, subject to a reduction of not over fifteen per cent. (15%) from the determined maximum voltage from time to time as the Commission may direct, and the equipment and apparatus installed by the Company in its plant shall be suitable for operation to obtain this condition, provided, however, that nothing herein shall be construed as obligating the Company to instal apparatus having a capacity in excess of rated capacity at normal voltage; the Company shall maintain the generator voltage under normal operating conditions within

two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid and shall instal suitable equipment for such purposes, provided that if the Commission at any time takes power, as provided for in Clause 1 (*d*) in excess of the contract demand, then the Company shall, during such excess taking, maintain the voltage and frequency as aforesaid as nearly as possible with the equipment then installed.

2. (*b*) Whenever the Commission shall require, from time to time, the Company shall increase or decrease the voltage and frequency of its plant, within safe operating limits of the then existing equipment of such plant to the extent required by the Commission, in order to insure operation satisfactory to the Commission, in parallel with other sources of supply; it is understood and agreed that in operation of Plants in parallel, the control of power factor and delivery of power in any generating plant is, to a large extent, within the control of the operators in that plant, and the Company agrees, so far as it can do so with its equipment installed, to operate its plant so as to maintain the power factor at its point of measurement, to the Commission, and also to maintain the delivery of power in each case, within the limits directed by the Commission from time to time, provided that by so doing it shall, if and to the extent necessary, be relieved from its obligations as to voltage and frequency regulation specified in Clause 2 (*a*).

2. (*c*) The Commission shall be entitled to the contract demand up to a maximum weekly load factor of seventy per cent. (70%) thereof, and no more; that is to say, that during each week after the first day of October, A.D. 1931, so long as this Agreement shall remain in force, the Commission shall be entitled, subject to the provisions of Clause 3 (*e*) and Clause 5, to receive such electrical energy as it shall require, not in excess of eighty-seven and seventy-three one-hundredths (87.73) kilowatt hours for each horsepower of contract demand, but nothing in this clause shall limit or affect the provisions of Clause 2 (*g*).

The Commission agrees to so take on all days during the week, at all times of low river flow, a sufficient share of the electrical energy which it is entitled to under this contract in order to prevent wastage of water during Saturdays, Sundays and holidays in such week, which waste water might otherwise have been used within the next week to fulfil the obligations under this Contract; the intent of the foregoing being to secure, at all times of low river flow, the most efficient use of the water to obtain the maximum output of the Plant; for the purposes of this clause, low river flow shall mean that river flow which is in any week insufficient to produce the contract amount of energy for the then contract demand.

In the event of any change in the contract demand occurring other than at the beginning of a week, the Commission shall be entitled to receive the same number of kilowatt-hours for each horsepower of contract demand each day for the remainder of the week as were received for each horsepower of contract demand during the corresponding days of the last preceding week. A week for the purposes of this Agreement shall commence at such time during the calendar week as the Commission shall from time to time specify by notice in writing to the Company.

2. (*d*) The maximum amount of the electrical power and energy delivered by the Commission at any time when the ratio of the kilowatts to the kilovolt amperes is less than eighty-five per cent. (85%) shall be eighty-five per cent. (85%) of the kilovolt amperes considered as true power or kilowatts.

2. (*e*) In the application of the provisions of this Agreement, the Company shall be entitled to the same credit for horsepower and kilowatt hours held available for the Commission, but not taken by the Commission, as if the same has been taken by the Commission, and except as provided in Clause 5 (*b*) no failure by the Commission to take such power and energy, or either of them, shall relieve the Commission from any of its obligations to make the full amount of payment herein specified to be made by it; for all purposes of this Agreement, the Company shall be considered to have held available for the Commission in each week all the horsepower and kilowatt hours to which the Commission was entitled in that week unless the Company fails to have available the power and energy which the Commission is entitled to and asks for under the provisions of this Agreement and the Commission complains of such failure at the time, and unless within fourteen (14) days, or other time agreed upon, after the end of that week, the Commission shall have given to the Company written notice of the fact and the approximate amount of the deficiency.

2. (*f*) If the Commission shall inadvertently take in any week more kilowatt hours than it is entitled to take in such week, the Commission will, upon request from the Company, adjust the matter by making a corresponding reduction in its takings in the next following three week period thereafter; always provided that the Company so far as practicable, regulates the rate of delivery of power and the kilowatt hours from time to time as the Commission may direct, as provided herein; But if, after receipt of such request from the Company, the Commission shall not during such three week period make good such excess taking and correspondingly reduce its takings during such three week period, then the Commission shall pay the Company for any excess energy so taken at the kilowatt hour rate equivalent to the contract rate per horsepower per year at seventy per cent. (70%) load factor.

2. (*g*) The Commission upon notice to the Company shall be entitled to take at any time in any week, electrical energy in addition to the kilowatt hours of electrical energy provided in Clause 2 (*c*), provided that the taking of such additional electrical energy does not require the use of water required for the fulfilment by the Company of its other obligations under this contract or under any contract by which power and energy or either of them, are required to be withdrawn for use in the Province of Quebec; for all additional electrical energy taken under this clause by the Commission the Commission shall pay to the Company at the rate of one mill per kilowatt hour until the first of October, 1941, and thereafter at a rate which shall be adjusted not oftener than every ten (10) years by mutual agreement between the parties hereto; in any event the Commission shall be required to pay under this clause only for such additional electrical energy as the Company is entitled to produce and the Commission is entitled to take as aforesaid; such additional electrical energy shall be determined from the measuring instruments mentioned in Clause 4, except as hereinafter provided in this clause.

If, however, at any time the power house and power house equipment of the Company forming part of the joint development be operated under the same authority and jointly as a single unit with the power house and power house equipment of the Commission forming part of the joint development, then during all times of such joint operation the amount of the said additional electrical energy shall be calculated in the following manner.

From one-half the total electrical energy produced and delivered at Chats Falls in any week measured as provided in Clause 4 shall be deducted, First—all electrical energy, if any, delivered in fulfilment by the Company of its obligations under the Emphyteutic Lease by which electrical power and energy or either of them are required to be withdrawn for use in the Province of Quebec; Second—all electrical energy delivered in fulfilment by the Company of its other obligations under this Agreement.

All the remainder of the said one-half of the total electrical energy shall be the additional electrical energy for which the Commission shall pay under this clause.

If in the course of economical operation of the said separate works of the Company and of the Commission, equipment of either be taken out of use, the equipment of the other shall be used to make up the said maximum weekly load factor of seventy per cent. (70%) before producing any such additional electrical energy.

2. (*h*) Because of the fact that the high voltage circuits involved in this Agreement will be physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the systems involved, it is necessary that the Commission and the Company co-operate, therefore the Commission and the Company will co-operate in respect of all matters of common interest, including without limiting the generality of the foregoing, design of plant and equipment, and design of control, protective, communication and other such features as necessitate similar or co-ordinated equipment at the Plants of each Party.

The Commission and the Company shall instal only first-class, modern equipment of such characteristics and type as are best suited for the service intended, and shall, from time to time, make such commercially reasonable changes in, or additions to such equipment (other than major equipment) as will best serve to maintain the joint undertaking from time to time in a state of operating efficiency equal to that of undertakings of generally similar purpose and size, in accordance with good practice in the art as developed from time to time.

The Commission and the Company shall each be entitled to the final decision in respect of the design of its own separately owned Plant and property other than such features thereof as necessitate similar or co-ordinated equipment at the Plants of each Party as aforesaid and other than the original installation for a total rated capacity, including reserve capacity, of two hundred and sixteen thousand horsepower (216,000 H.P.), and the additional generating equipment, and in the event of the Commission or the Company exercising such right of final decision, then the Commission or the Company, as the case may be, shall be responsible for the suitability for the purposes intended of Plant or equipment constructed according to the design selected by it.

The Commission and the Company shall exercise all due skill and diligence so as to secure the satisfactory operation, as a system, of the Plant, apparatus and property of both the Commission and the Company, including, without limiting the generality of the foregoing, parallel operation, voltage, power factor and any problems which may arise in connection with the use of such high voltage specified and length of lines contemplated.

2. (*i*) The Commission and the Company will each use its best efforts to obtain the construction at the earliest possible date by the authorities concerned of all works for the better regulating of the flow of the Ottawa River and for providing storage in the Ottawa River watershed which the parties agree are necessary to obtain the fullest possible advantage from the potential development at Chats Falls, and will co-operate in the study and keeping of records of the flow of the Ottawa River at Chats Falls and in the collection of essential data in relation to conditions in the watershed of the Ottawa River bearing on such flow.

2. (*j*) The Commission and the Company shall co-operate in all reasonable means for providing for the most economic use of the waters of the Ottawa River watershed.

2. (*k*) This Agreement shall only apply to the use of the water and to the electrical power and energy produced therefrom to which the Company is entitled as aforesaid, namely:—to the use of one-half of the water available for power purposes at Chats Falls and to the electrical horsepower and energy produced from the said one-half of the water.

3. THE COMMISSION AGREES:

3. (*a*) To pay to the Company in monthly payments for all power and energy under this Agreement at the rate of Fifteen dollars ($15.00) per annum per horsepower of the contract demand which is a total of sixty thousand dollars ($60,000.00) per month commencing on the first day of October, A.D. 1931, until the first day of October, A.D. 1932, and thereafter a total amount of one hundred and twenty thousand dollars ($120,000.00) per month until such time as the contract demand shall have been changed, and after any such change while this Agreement remains in force the amount in dollars per month which is obtained by multiplying the then contract demand by one and one-quarter (1¼), all the payments under this Clause 3 (*a*) being subject always to adjustment as in this Agreement provided.

3. (*b*) To pay the Company in monthly payments for any excess kilowatt hours for which payment is to be made under Clause 2 (*f*) and for any additional kilowatt hours ordered by the Commission under Clause 2 (*g*); Such monthly payments shall cover any amounts payable for excess or additional energy taken during the full weekly periods terminating within the month for which the payments are made, and a broken week shall be considered as terminating within the following month;

3. (*c*) To make all payments to be made by the Commission under this Agreement in lawful money of Canada at the office of the Bank of Montreal, at Montreal, and to make all monthly payments to the Company on the twentieth day of each calendar month for the accrual of the preceding calendar month, the Company to render the bill on or before the tenth of the month; provided that if any bill remains unpaid on the twentieth of the month in which it is rendered, the Commission shall thenceforth be in arrears for said payment and all payments in arrears shall bear interest at the rate of six per cent. (6%) per annum; provided, further, that if the Commission or the Company is entitled to any adjustment in respect of any such payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and shall include interest at the said rate from the twentieth day of the month in respect to which adjustment is claimed;

3. (*d*) At all times to take and use the electrical power and energy in such manner that the current will be taken as nearly as possible equally from the three phases and in no case shall the difference in current between any two phases be greater than five per cent. (5%). If such difference be greater than five per cent. (5%) the Commission, upon instructions from the Company, shall so adjust its load as to comply with these requirements.

3. (*e*) At all times to take and use the power and energy set out in Clauses 1 (*a*), 1 (*b*), and 1 (*d*) hereof, so as not to exceed the weekly takings in kilowatt hours as specified in Clauses 2 (*c*) and 2(*g*) herein; provided that the Commission may at any time, but subject to the provisions of Clause 2 herein, increase the electrical horsepower taken in excess of the contract demand, up to the limits of the overload capacity of all the equipment used from time to time by the Company to meet its obligations hereunder, including the spare capacity which the Company is to install under this Agreement, but without thereby increasing the contract demand.

3. (*f*) To give the Company from time to time such information as it reasonably can regarding its expected requirements in kilowatt hours from the Company, particularly as to any probable reduction in such requirements, for any prospective period of light load. The intent of the Parties in this clause is so far as is possible by reasonable co-operation to secure the most economic use of the waters of the Ottawa River watershed.

4. (*a*) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt hour meters, provided and installed by the Company and so arranged as to measure and record accurately the said power and energy respectively. Readings from the said kilowatt hour meters shall be taken daily at the same hour and recorded by the Company on forms supplied by the Commission. Records from the said recording demand meters and the said kilowatt hour meters shall be dated and forwarded promptly by the Company to the Commission and such records on file with the Commission shall be available to the Company for inspection at all reasonable times.

4. (*b*) The power delivered and the demand in horsepower or either of them for the purpose of this Agreement shall be the integrated amount of power for twenty consecutive minutes as determined from coincident readings of the above mentioned polyphase recording demand meters, provided that nothing in this subclause shall be construed as increasing any obligation of the Company under Clause 1 or the obligation of the Commission to pay under this Agreement.

4. (*c*) The weekly taking of the energy shall be determined from the weekly readings of the said integrating kilowatt hour meters.

4. (*d*) The power and energy covered by this Agreement shall be delivered at approximately two hundred and thirty thousand (230,000) volts, (subject to Clause 2) as hereinbefore mentioned, at the outgoing two hundred and thirty thousand (230,000) volt transmission line terminus on the transformer station structures which it is contemplated will be near the Commission's generating station; the power and energy supplied under this Agreement shall be measured at the 230,000 volt, step-up transformers at Chats Falls on the generator voltage side thereof, without deducting any transformer loss. Provided that if the transformers are not erected within five hundred feet from the nearest wall of the Commission's generating station then any additional transmission losses between the generating station and the transformers shall be borne by the Commission.

4. (*e*) Access to said instruments and transformers belonging to the Company shall be free to the Commission at any and all times and the Commission may test such measuring instruments and transformers at any reasonable time in the presence of a representative of the Company, by giving to the Company seven (7) days previous notice in writing of its desire to test such measuring instruments.

4. (*f*) Measuring instruments with the necessary current and potential transformers for the measurement of electrical power or energy hereunder shall be provided, installed and maintained by the Company satisfactorily to the Commission.

The Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder, at least once in each sixty (60) days; the Commission shall be advised at least five (5) days before the day of the test so they may, if they so desire, have a representative present to witness and verify such tests; at any time the Commission notifies the Company that it believes that such meters, or any of them, are not within the closest practicable agreement with perfect accuracy, said meter or meters shall be jointly tested within five (5) days of the receipt by the Company of the said notice; if any meter shall be found, on regular or special test, to be inaccurate, it shall be properly adjusted and the record of its readings taken since the last prior test and all bills affected shall be corrected; the Company shall repair or replace and retest defective meters or measuring equipment within a reasonable time; during any time there is no meter in service, it shall be assumed that the energy consumed is the same as for other days of the same month on which a similar load existed.

4. (*g*) The Commission may, from time to time, at its option, install duplicate measuring equipment, including necessary current and potential transformers, at the points of measurement for the purpose of checking the records obtained from the Company's measuring equipment, or for any other purposes.

4. (*h*) The Company shall be responsible for any damages to property or apparatus furnished by the Commission for the purpose of supplying or measuring power hereunder and installed on the Company's property, providing such damage originates from a source external to the said apparatus of the Commission and is not due to defects in such apparatus or to the operations of the Commission or acts of its employees or to causes reasonably beyond the control of the Company.

4. (*i*) The kilowatts, kilovolt amperes, kilowatt hours, or any other factors and quantities or any of them, shall be determined directly or indirectly from the measuring equipment provided for in this Clause 4, and the standards of the University of Toronto or of the recognized national authority, if there be any generally accepted as such, shall be used as the final reference as to the accuracy of the measuring equipment.

5. (*a*) Subject to the direction of the Commission, as provided in Clause 2, and unless prevented from doing so by abnormal operating conditions, in the Commission's system, the maintenance by the Company of approximately the agreed voltage, at the agreed frequency, at the point of delivery, together with the ability of the Company to supply the power and energy under this Agreement, shall prima facie constitute the delivery of power and energy involved in this Agreement, provided, however, that the provision in Clause 2 (*a*) as to two per cent. (2%) regulation of voltage shall apply only at the points of generation.

5. (*b*) In case the Company shall, at any time or times, be prevented from delivering, or the Commission from receiving the said power and energy or either of them or any part thereof, by strikes, riots, invasion, act of God, the King's enemies, or any other major disaster reasonably beyond the control of them or either of them, then to the extent of such prevention, the Company shall not be bound to deliver and the Commission shall not be bound to pay for such power or energy during such time.

Each Party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Company shall, without any delay, deliver said power and energy as aforesaid and the Commission shall pay for the same.

5. (*c*) The Company shall have the right, at reasonable times, and when possible after due notice has been given to the Commission, to discontinue or reduce to the extent necessary, the supply of power and energy or either of them to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming, transmitting or other equipment of the Company at Chats Falls, but all such interruptions, total or partial, shall be of a minimum duration, and when possible arranged for at a time least objectionable to the Commission.

If such interruptions or reductions occur at a time when the Commission requires the delivery of such power then the Commission shall be released on a pro rata basis from its obligations to pay for such power and energy or either of them as the Commission is entitled to receive and the Company fails to deliver or to hold available for the Commission during such interruptions or reductions.

5. (*d*) In case of the failure of the Company for any cause other than those specified in Subclauses (*b*) and (*c*) of this Clause 5, to have available as set forth in Clauses 1 and 2, the full amount of electrical power or energy to which the Commission is entitled hereunder in any week, there shall be a proportionate reduction in the sums payable by the Commission to the Company in respect of such week.

5. (*e*) The amount of reduction in the sums payable by the Commission to the Company for any week or the amount which under Subclauses (*b*), (*c*) or (*d*) of this Clause 5 the Commission is not required to pay to the Company in any week shall be calculated in the following manner:

For energy, the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the number of kilowatt hours which the Company fails to have available as aforesaid bears to 87.73 times the then contract demand in horsepower.

For power, the amount accrued due from the Commission to the Company during such week shall be reduced by a sum having the same ratio to such accrued amount as the deficiency (that is, the average number of horsepower of electrical power which the Company fails to have available) averaged for the week bears to the then contract demand in horsepower, the said deficiency shall be determined as follows: For each total or partial interruption the average amount of deficiency below the contract demand shall be taken, and then all the deficiencies both as to amount and length of time shall be averaged for the week in proportion to the total hours in the week, that is, the said deficiency shall be the sum total of all deficiencies during the week in horsepower hours divided by the total number of hours in the week.

All such reductions shall be adjusted on the monthly bills in each case for the full weekly periods terminating within the month for which the adjustment is made; no reduction shall, however, be made in respect of inadvertent failure of less than an aggregate of twenty (20) minutes in any one week; provided that if during the week including such period the electrical energy required by and delivered to the Commission exceed 87.73 kilowatt hours per horsepower of the balance of the contract demand after deducting the average number of horsepower of electrical power which the Company fails to have available throughout the week, the Commission shall credit on the reduction a rateable payment for the excess kilowatt hours, that is to say, such excess kilowatt hours up to the said seventy per cent. (70%) of the contract demand, which is 87.73 kilowatt hours per horsepower of contract demand shall be credited at the rate of 3.28 mills per kilowatt hour and all kilowatt hours taken over the said seventy per cent. (70%) of the contract demand shall be paid for as provided for under Clause 2 (*g*) of this Agreement; provided further that the Commission shall be entitled to only one reduction in respect of any one failure; such reduction being either in respect of energy or in respect of power whichever shall be greater.

5. (*f*) The Commission may from time to time with respect to any moneys due to it by the Company under this Agreement satisfy the same by allocating to the payment thereof by way of set-off and retention any other moneys due by it to the Company under any other agreement in force between the Commission and the Company.

6. If any failure of the Company under Clause 5 is due to causes within its control (and without limiting the generality of the foregoing words, financial difficulties of the Company shall be deemed to be within the control of the Company), the Company, in addition to the reductions under Clause 5, shall pay to the Commission as liquidated damages and not as a penalty in respect of every such failure occurring during the first fifteen (15) years after the commencement date, a sum equal to fifty per cent. (50%) of the reduction made in the sums payable by the Commission to the Company, as set out in Clause 3, and thereafter a sum equal to one hundred per cent. (100%) thereof, which liquidated damages shall be in addition to said reductions; provided, however that deficiency in stream flow or any interruptions under Clauses 5 (*b*) or 5 (*c*) shall not be included in the term "causes within its control," as used in this paragraph.

7. One or more representatives or engineers of the Commission designated for this purpose may, at any reasonable time, during the continuance of this Agreement, have access to the premises of the Company for the purpose of inspecting the premises, apparatus, plants, property and the electrical and hydraulic records of the Company pertaining to the power developments at which the power supplied under this Agreement is generated, and to take and obtain records therefrom as required; representatives of the Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical and hydraulic records of the Commission pertaining to the power generated by the Commission at Chats Falls.

8. In case any disagreement, dispute, difference or question shall at any time hereafter arise between the Commission and the Company in respect to the construction of this Agreement or concerning anything herein contained or hereby provided for or arising thereout, or as to the rights, liabilities or duties of the Commission and the Company or either of them, the same shall forthwith be referred to a single arbitrator in case the parties can agree upon one, otherwise to two arbitrators, one to be appointed by each party to the difference, and in either case in accordance with and subject to the provisions of *The Arbitration Act* of the Province of Ontario, Revised Statutes of Ontario, 1927, Chapter 97, or any statutory modification or re-enactment thereof for the time being in force, and shall be determined in accordance with the laws of the Province of Ontario. The findings of the arbitrator or arbitrators shall be final and binding upon the Commission and the Company respectively except that either may appeal from, move to set aside, vary or refer back an award as provided in the said *Arbitration Act*, and except that the right to appeal to the Supreme Court of Canada and to the Privy Council or either of them shall not be limited.

9. The Commission and the Company respectively shall be entitled at any time prior to the expiration of thirty days' notice in writing to the opposite party delivered after the termination of this Agreement and any extension thereof to remove from the premises of the other party any and all plant and equipment which may have been installed by it for the supply or measurement of power hereunder.

10. This Agreement is made subject to the restrictions imposed upon the Company under the Company's said Emphyteutic Lease dated the twenty-second day of June, 1926, from the Government of the Province of Quebec. The Commission unreservedly recognizes that this Contract has been entered into by it with the knowledge that the Company may be required to deliver in accordance with the terms of its lease to users in the Province of Quebec as and when required, power developed by the Company and agrees that nothing in this Contract contained can or will derogate from such right and duty on the part of the Company to divert power to users in the Province of Quebec when required in accordance with the terms of the said Lease. The Commission also recognizes particularly the provisions of Clause 9 of the said Lease relating to the export of power to the United States, which provisions shall be complied with by the Commission and may be enforced by the Company.

11. The rates to be paid and payments to be made by the Commission, as set out in Clause 3, shall, subject to the provisions of this clause, include all compensation to the Company for all taxes, levies, rentals, royalties, license fees and charges that may be levied, assessed or imposed by the Dominion, Provincial or Municipal or any other authority for or during the term of this Agreement, or any part thereof; if, however, while this Agreement shall continue in force, (*a*) any Dominion or Provincial taxes or other similar levies (but not any Municipal taxes nor any income taxes) not now in existence be created or any now existing be increased in rate, or (*b*) any Dominion or Provincial rentals, royalties, license fees or similar charges for the use of water not now in existence be created, or any now existing be increased in rate in such a manner as to increase the cost to the Company by reason of these items of the electrical power and energy kept available for and delivered to the Commission under this Agreement, then in each and every such case an increase shall be made in the payments by the Commission to the Company hereunder which shall, after crediting any reduction in any such items compensate the Company for the increase thereby occasioned in the cost to the Company of the electrical power and energy kept available for and delivered to the Commission under this agreement. Provided that in the event of any reduction in any such items the said increase in the payments by the Commission shall be reduced accordingly to the extent of the total of the said increase but no more.

Provided further that Workmen's Compensation and any rates or charges in respect thereof shall not be deemed to be taxes for the purposes of this clause and the liabilities and obligations of the Commission shall not, in any way, be increased thereby but the same shall be borne by the Company; the recently authorized educational tax of the Province of Quebec not yet promulgated is not considered as now in existence.

12. This Agreement shall be binding upon both parties hereto upon its execution and shall continue in force for a period of forty (40) years from the said commencement date; if this Agreement be not extended beyond the said period of forty (40) years, then the Commission and the Company shall co-operate for the most efficient and satisfactory use of equipment and facilities common to both parties.

13. In the event that the Company, by reason of the provisions in the said Emphyteutic Lease, is required to withdraw the power covered by this Agreement or any part thereof, for use in the Province of Quebec, and thereby any of the Commission's electrical equipment for purposes of transformation or transmission of the power generated at Chats Falls is rendered idle, in whole or in part, the Company will compensate the Commission therefor to the extent of the moneys which the Commission during the remainder of the period that this Agreement continues in force shall set aside or have to pay to meet interest, insurance, maintenance, protection and proper amortization, on the proportion of the capital cost of such equipment equal to the extent to which such equipment is so rendered idle during the time that the said equipment so remains idle, but the then contract demand shall be reduced by the amount of the power so withdrawn and nothing herein contained shall render the Company liable to the Commission for any loss arising from the Commission being forced to substitute other power for the power so withdrawn.

In the event of the Company being required to withdraw power under the provisions of the said Emphyteutic Lease the Company shall give to the Commission prompt notice in writing to that effect:

14. All written notices which are required to be sent hereunder by either party to the other shall be sent by registered letter to such address, or addresses, as each party may from time to time file with the other; the parties agree each to maintain its address on file with the other.

15. The Company covenants and agrees with the Commission that if at any time hereafter during the continuance of this Agreement the Company should mortgage, hypothecate or charge, in whole or in part, any of its property or rights which are necessary for the development of power or energy at Chats Falls to secure bonds or debentures or other evidences of indebtedness, any such mortgage, hypothecation or charge shall be expressly made subject to all covenants, agreements and obligations on the part of the Company in this Agreement contained; such mortgage, hypothecation or charge shall also expressly provide that no sale of the property or rights so mortgaged, hypothecated or charged, or any part thereof, or for the purpose of enforcing the provisions of such mortgage, hypothecation or charge shall be made, except subject to the said covenants, agreements and obligations and to the condition that the purchaser shall enter into a covenant, agreement and obligation with the Commission to assume and perform the said covenants, agreements and obligations and in all respects succeed to the position of the Company under this Agreement, and it is agreed that all the said provisions shall be conditions of every contract mortgaging, hypothecating or charging, in whole or in part, the property or rights of the Company which are necessary for the development of power or energy at Chats Falls and shall be expressed therein as stipulations in favour of and in trust for the benefit of the Commission. The Commission shall have the right to require the Company or other party granting any such mortgage, hypothecation or charge to enforce such provisions or may itself enforce the same either in its own name or if necessary in the name of such other party.

Before entering into any mortgage, hypothecation or charge as aforesaid the Company or party proposing to grant the same shall submit to the Commission a written draft of a clause or clauses to be included in the said Trust Deed, which clause or clauses shall either be in the language above set forth or be in language framed to afford the protection above provided for; the Commission will, within ten days from the submission of such clause or clauses approve of same or notify in writing any objections thereto; if no objection is offered within the said ten days the clause or clauses shall be taken to be approved, and if any objection is taken in which the mortgaging party does not concur, then the language of the clause or clauses is to be submitted to and approved of by Mr. Eugene Lafleur, K.C., or Mr. Aime Geoffrion, K.C., or Mr. G. H. Montgomery, K.C., or failing any of them by counsel to be named by the Chief Justice of the Superior Court of Quebec at Montreal on summary application if the mortgaging party is in the Province of Ontario then to be submitted to and approved of by Mr. Strachan Johnston, K.C., or Mr. Britton Osler, K.C., or Mr. E. G. Long, K.C., or failing any of them, by counsel to be named on summary application by the Chief Justice of the Supreme Court of Ontario; in either case the decision of such counsel shall be final.

The Company further covenants and agrees with the Commission that it will not, except by way of mortgage, hypothecation or charge as aforesaid, assign its Emphyteutic Lease of the 22nd June, 1926, from the Government of the Province of Quebec, or transfer any of its property or rights necessary to the development of power or energy at Chats Falls other than by way of mortgage, hypothecation or charge as aforesaid, except to an assignee or transferee who shall enter into a contract with the Commission covenanting to assume and perform the obligations of the Company in this Agreement contained and in all respects succeed to the position of the Company hereunder.

16. This Agreement shall extend to, be binding upon and enure to the benefit of the successors and assigns of the parties hereto respectively.

In witness whereof the Parties hereto have caused this Agreement to be executed under their respective corporate seals attested by the signatures of their proper officers duly authorized thereto.

SIGNED, SEALED AND DELIVERED
In the presence of

(SEAL)

A. G. MACKINNON.

(SEAL)

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

(Sgd.) C. A. MAGRATH,
*Chairman.*

(Sgd.) W. W. POPE,
*Secretary.*

CHATS FALLS POWER COMPANY.

(Sgd.) E. R. PARKINS,
*President.*

(Sgd.) M. M. COX,
*Secretary.*

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## 2

THIS AGREEMENT made in duplicate This twenty-fourth day of February, A.D. 1931,

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, an Ontario Corporation, hereinafter called the "Commission,"
OF THE FIRST PART,

—and—

OTTAWA VALLEY POWER COMPANY, formerly known as Chats Falls Power Company, a Quebec Corporation, hereinafter called the "Company,"
OF THE SECOND PART.

Whereas the Commission and the Company by Agreement under date the fifteenth day of February, A.D. 1930, hereinafter called the "Joint Development Agreement," have undertaken jointly the development necessary for the utilization of the total power on the Ottawa River at Chats Falls within both the Provinces of Ontario and Quebec, on the basis of each being entitled as between themselves to the ownership, use and benefit of one-half of all the water available for power at such location and are co-operating in all undertakings necessary in order to bring the whole development to completion at an early date and to maintain and operate the same;

And whereas the Commission and the Company have entered into a further Agreement under date the 15th day of February, A.D. 1930, hereinafter called the "Power Contract," for the sale and delivery to the Commission by the Company of the electrical power and energy which the Company is entitled to produce and deliver from the said joint development:

And whereas the Commission and the Company have entered into an agreement under date the 24th day of February, A.D. 1931, hereinafter called the "Transformer Agreement" for the use by the Company and the Commission of a transformer and switching station therein called the "Transformer Station" to be constructed by the Commission in Ontario:

And whereas for the purpose of economic and efficient service it is desirable that the Commission in addition to maintaining and operating its separate works (as defined in the Joint Development Agreement) should also maintain and operate the works of the Company as hereinafter defined, together with the Company's rights in the said transformer station as defined in the said Transformer Agreement:

Now therefore this Indenture witnesseth:

That for the considerations herein contained the parties hereto mutually covenant, promise and agree as follows:

1. The Company hereby appoints the Commission as its Agent for the purpose of this Agreement and authorizes the Commission as such Agent to exercise and use the rights and to

maintain and operate the works of the Company at Chats Falls which are necessary for the delivery of power to the Commission under the said Power Contract, namely:

(*a*) All separate works of the Company as defined in the Joint Development Agreement, being:

(*i*) The power house, which term shall not include any intake section necessary for the main dam but shall include every extension of the power house as an additional work;

(*ii*) Power house equipment;

(*b*) The Company's interest in and share of the common equipment as defined in the said Joint Development Agreement or as may be mutually agreed upon from time to time:

(*c*) The Company's interest and rights in the Transformer Station as defined in the said Transformer Agreement;

all of which power house, equipment, station, interest, rights, and works are hereinafter called the "Company's Works" which term for the purposes of this Agreement is intended to include all property and rights of the Company from the water intake to the point of delivery of power to the Commission at Two Hundred and Thirty Thousand (230,000) volts as mentioned in the said Power Contract.

The above defined works with the word "Commission" substituted for the word "Company" shall for the purposes of this Agreement be called the "Commission's Works."

2. The Commission as such Agent accepts the said appointment and authorization and agrees to maintain and operate the Company's works with skill and diligence without discrimination or favour as between the Commission's works and the Company's works and up to the same standard as the Commission shall maintain and operate the Commission's Works—all subject to the provisions hereinafter contained.

3. The Commission as such Agent shall have, enjoy and exercise all the rights, powers, authorities, privileges and immunities of the Company with respect to the Company's Works for the purposes of maintenance and operation of the same as herein provided, but the Commission shall be under no obligation whatsoever to undertake or continue any services, work or responsibility under this Agreement unless the Company maintain unimpaired its rights and privileges necessary for development of power at Chats Falls and observe and perform all requirements imposed by statute or other proper authority upon the Company, but the Commission shall be under no obligation to see to the maintenance of any rights or privileges of the Company or to the observance or performance of any requirements imposed upon the Company, but shall exercise its best endeavour and judgment to avoid doing any act that would impair the Company's leases and rights.

4. All ordinary maintenance of the Commission's works and the Company's works shall be effected by the Commission without reference to the Company; all renewals, replacements and reconstruction such as rewinding of generators and replacing of water wheels of the Commissions' works and the Company's works other than in the Transformer Station shall before being effected be approved by the Company, but such approval shall not be unreasonably withheld.

5. The Commission will operate the Company's works in conjunction with the Commission's works so as to permit as far as possible the fulfilment of the rights and obligations of both parties under the Power Contract.

6. In case the Commission as such Agent shall at any time or times be prevented from operating the Company's works or performing this Agreement or any part thereof by strike, riot, fire, invasion, explosion, hurricane, flood, act of God, or the King's enemies, or any other cause reasonably beyond its control, or by failure of the Company to perform any obligations or requirements imposed upon it, then the Commission shall not be bound to perform its obligations under this Agreement to the extent that the same are interrupted thereby, but the Company shall not be relieved from its liability for the payment of cost under this Agreement; as soon as the cause of such interruption is removed the Commission shall continue to perform its obligations under this Agreement; the Commission shall be prompt and diligent in doing everything in its power to remove and overcome any such cause or causes of interruption; upon request the Company will render any assistance it might reasonably be expected to render.

7. The Company shall at all times have free access to the Company's works and the Commission's works and everything therein contained relating to this Agreement; the Company shall also have access at all reasonable times to all books, accounts and records of the Commission concerning anything under this Agreement.

8. The Commission shall keep records covering all matters of essential importance hereunder and shall furnish each month to the Company a summary thereof in form similar to that in use by the Commission at Toronto, and whenever required by the Company the Com-

mission shall furnish to the Company all reasonable information which may be necessary for the purposes of the Company hereunder and in addition shall at the expense of the Company furnish any special reports concerning any matters which may arise under the terms of this Agreement.

9. The Commission shall establish and maintain records in such form as will show in detail all receipts and expenditures and the costs of all services and work done under this Agreement so that the same may be checked by the Company and distribution of the items therein contained can be determined separately and distinct from all other cost and expenditures incurred and made by the Commission to the extent that this is practicable.

10. All accounts of the Commission hereunder shall be audited at least once in each fiscal year by the auditor of the Commission and may in addition, if the Company shall so require but at the expense of the Company be audited by an auditor appointed by the Company; copies of any reports made by the auditor of either party hereunder shall be furnished to the other party.

11. The Company shall pay to the Commission and the Commission shall accept as full compensation for acting as Agent for the Company and performing the services under this Agreement such sum annually as shall be equal to one-half of the total cost to the Commission of maintenance and operation of both the Company's works and the Commission's works at Chats Falls power plant including the common equipment and the Transformer Station and also of renewing, replacing and reconstructing the Company's works and the Commission's works and common equipment as hereinbefore provided, but expressly excluding renewals, replacements and reconstruction provided for in the Transformer Agreement; which total cost for the purposes of this Agreement shall without limiting the generality of the foregoing include the following items:

(*a*) All costs of materials, supplies, tools, stores, apparatus, machinery and equipment except those required for renewals, replacements or reconstruction in the Transformer Station as aforesaid, plus five per cent. (5%) of such cost; Provided, however, that when major equipment shall be purchased with or without installation under contract with an equipment company, the percentage to be added to the cost of such equipment including any labour furnished by the equipment company shall be that adopted by the Commission under its general practice in respect to contracts of similar character and shall not in any event exceed five per cent. (5%) of the contract prices for such equipment; provided that where installation is made by the Commission the cost of labour and of engineering and other special services in connection therewith shall be determined as provided in Sub-clauses (*b*) and (*c*) of this Clause 11.

(*b*) All salaries, wages and other remuneration of all persons employed in connection with the services rendered or work done under this Agreement to which shall be added twenty-seven per cent. (27%) thereof (which said percentage shall be included as compensation to the Commission for its office, administration and accounting expenses, pensions and Workmen's Compensation), and in addition thereto the out-of-pocket and travelling expenses of such persons while so employed.

(*c*) The costs of all special engineering, legal, accounting and other special services rendered by employees and officers of the Commission who shall be not regularly employed hereunder and added thereto fifty per cent (50%) of such costs and in addition the travelling and out-of-pocket expenses of such persons while engaged on such business.

(*d*) The costs of all engineering, legal accounting and other services other than those mentioned in subclauses (*b*) and (*c*) of this Clause.

(*e*) The net cost in each year which shall be incurred by the Commission in maintaining and operating, housing, living and other accommodation for employees, regular or special, engaged on the Commission's works and/or the Company's works; for the purpose of this subclause (*e*) the cost of maintaining such accommodation shall include interest and amortization at regular Commission rates of the capital cost thereof less any such capital cost already charged to the construction of the Power Development, and expenditures and allowances for insurance, repairs, renewals, taxes and other like charges.

12. The Company shall pay said compensation to the Commission in lawful money of Canada at Toronto on monthly bills, which monthly bills shall be rendered by the Commission to the Company on or before the tenth day of each month and become due and be paid by the Company to the Commission on or before the twentieth day of the said month; such monthly bills shall be mailed by the Commission addressed to the Company at its office in the City of Montreal and if any bill shall remain unpaid after the time when it becomes due the amount thereof shall bear interest at the rate of six per cent. (6%) per annum until paid; the Commission may apply against any such payment in default any money due to the Company by the Commission under the Power Contract or otherwise but failure to apply as aforesaid shall not relieve the Company.

13. In case any claim or claims shall be made against the Commission or the Company in connection with any work done or service rendered under this Agreement by the Commission,

the Commission or the Company as the case may be shall promptly notify the other party thereof; if such claim shall arise in the Province of Quebec the Company shall defend the same; if any such claim shall arise in the Province of Ontario the Commission shall defend the same, and in either case each party shall render to the other all assistance for such purposes; costs and expenses in connection with such claims shall form part of the cost of maintenance and operation under this Agreement as mentioned in Clause 11.

14. Nothing in this Agreement shall relieve the Company or the Commission from any obligation under the said Power Contract, or the said Joint Development Agreement or from any obligation under the Transformer Agreement except as provided in Clause 19 of this Agreement.

15. This Agreement shall come into effect as soon as power is being delivered on commercial load from the Company's works or such earlier date as may be agreed upon and shall continue in force until terminated at any time by the Commission or the Company giving Three (3) months' notice in writing to the other party.

16. If by reason of any lawful authority in the Province of Quebec the Commission be prevented from or hindered in the performance of this Agreement, the Commission shall immediately notify the Company of the same, and from the date of each notification of the Commission shall be relieved from any obligation to perform this Agreement.

17. In case any disagreement, dispute, difference or question shall at any time hereafter arise between the Commission and the Company in respect to the construction of this Agreement or concerning anything herein contained or hereby provided for or arising thereout, or as to the rights, liabilities or duties of the Commission and the Company or either of them, the same shall forthwith be referred to a single arbitrator in case the parties can agree upon one, otherwise to three arbitrators, one to be appointed by each of the parties hereto and the third by these two or in case they cannot agree by a Judge of the Supreme Court of Ontario, and in either case in accordance with and subject to the provisions of *The Arbitration Act* of the Province of Ontario, Revised Statutes of Ontario 1927, Chapter 97, or any statutory modification or re-enactment thereof for the time being in force, and shall be determined in accordance with the laws of the Province of Ontario; the findings of the arbitrator or arbitrators shall be final and binding upon the Commission and the Company respectively except that either may appeal from, move to set aside, vary or refer back an award as provided in the said *Arbitration Act* and except that the right to appeal to the Supreme Court of Canada and to the Privy Council or either of them shall not be limited.

18. Any notice in writing under this Agreement may be given by mailing the same postage prepaid addressed to the party at its office address and shall be deemed to have been given the day following the day of mailing as aforesaid; each party shall keep its post office address on file with the other and such address shall remain the proper address of the party until changed by notice in writing.

19. To the extent necessary to give full effect to this Operating Agreement so long as it remains in force, this Operating Agreement shall take precedence over and supersede the Transformer Agreement and there shall be no duplication of payment for the same service under the two Agreements; but if this Operating Agreement cease to be in force to any extent then to that extent it shall cease to take precedence over or supersede the Transformer Agreement.

20. This Agreement shall extend to, be binding upon and enure to the benefit of the Commission and the Company and their successors and assigns respectively.

In witness whereof the parties hereto have caused this Agreement to be executed under their respective corporate seals attested by the signatures of their proper officers duly authorized thereto.

Signed, Sealed and Delivered
In the presence of

(Commission Seal)

(Company Seal)

The Hydro-Electric Power Commission of Ontario.

J. R. Cooke,
*Acting Chairman.*

W. W. Pope,
*Secretary.*

Ottawa Valley Power Company,

C. W. Allen,
*President.*

A. G. MacKinnon,
*Secretary.*

## SCHEDULE "E"

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION

—AND THE—

JAMES McLAREN COMPANY LIMITED

1. AGREEMENT, AS OF THE 20TH OF DECEMBER, 1930.
2. AGREEMENT, AS OF THE 14TH OF JANUARY, 1931.

### 1

This Indenture made in duplicate this 20th day of December, A.D. 1930.

BETWEEN:

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, hereinafter called the "Commission"

OF THE FIRST PART,

—and—

THE JAMES MACLAREN COMPANY, LIMITED, hereinafter called the "Company"

OF THE SECOND PART.

Whereas the Commission, acting under *The Power Commission Act*, R.S.O. 1927, Chapter 57 and Amendments thereto, is authorized to enter into an Agreement for a supply of electrical power and energy to the Commission.

And whereas the Company is duly incorporated under the laws of the Dominion of Canada, with power to produce and sell electrical power and energy, and is proceeding with Hydro-Electric developments for the said purposes in the Province of Quebec.

And whereas the Company is prepared to deliver electrical power and energy to the Commission at the boundary line between the Provinces of Ontario and Quebec from its pending and future developments on its freehold properties at Masson and High Falls, on the du Lievre River, at or near Buckingham, in the Province of Quebec, and is willing to enter into an Agreement with the Commission for such purposes.

Now therefore this Indenture witnesseth:

That for the considerations herein contained, the parties hereto covenant, promise and agree as follows:

1. The Company agrees:

(*a*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, on the First day of July, 1933, and thereafter so long as this Agreement shall continue in force, twenty thousand horsepower (20,000 H.P.) of electrical power or energy on the conditions herein contained: twenty thousand horsepower (20,000 H.P.) shall be the contract demand, until such contract demand is increased as provided in subclause (*b*) next following:

1. (*b*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, on the First day of July, 1934, and thereafter so long as this Agreement shall continue in force, twenty thousand horsepower (20,000 H.P.) of electrical power or energy on the conditions herein contained, making a total contract demand of forty thousand horsepower (40,000 H.P.) until such contract demand is increased, as provided in subclause (*c*) next following:

1. (*c*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, on the First day of July, 1935, and thereafter so long as this Agreement shall continue in force, twenty-seven thousand horsepower (27,000 H.P.) of electrical power or energy on the conditions herein contained, making a total contract demand of sixty-seven thousand horsepower (67,000 H.P.) until such contract demand is increased, as provided in subclause (*d*) next following.

1. (*d*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission on the First day of July, 1936, and thereafter so long as this Agreement shall continue in force, thirty-three thousand horsepower (33,000 H.P.) of electrical power or energy on the conditions herein contained, making a total contract demand of one hundred thousand horsepower (100,000 H.P.) until such contract demand is increased, as provided in subclause (*e*) next following.

1. (*e*) To keep available for delivery to the Commission and deliver to the Commission, when and as required by the Commission, on the First day of November, 1936, and thereafter so long as this Agreement shall continue in force, twenty-five thousand horsepower (25,000 H.P.) of electrical power or energy on the conditions herein contained, making a total contract demand of one hundred and twenty-five thousand horsepower (125,000 H.P.) which shall constitute the maximum contract demand under this Contract.

1. (*f*) Subject to Clause 2 and Clause 5 to deliver to the Commission whenever required by the Commission electrical power to the extent that water is available up to fifteen per cent. (15%) in excess of the then contract demand; such excess power shall not increase the then contract demand and no charge shall be made for its use, but nothing in this clause shall be construed as obligating the Company to deliver more kilowatt-hours of energy per week than the Commission is permitted to take under the provisions of Clause 2 (*c*).

1. (*g*) To install at its power developments on the said river sufficient equipment and spare equipment to ensure fulfilment of the terms of this Agreement, and for this purpose to provide excess or spare capacity so that at all times the ratio of total installed capacity to contract demand shall be not less than one hundred and fifteen per cent. (115%).

2. (*a*) The power delivered hereunder, at the point of delivery shall be alternating, three-phase, and shall have a controlled average periodicity of twenty-five (25) cycles per second, and a pressure between phase wires not exceeding the commercial maximum voltage of approximately two hundred and forty thousand volts (240,000 V.) subject to a reduction from time to time as the Commission may direct of not over fifteen per cent. (15%) from the determined maximum voltage selected by the Commission, and the equipment and apparatus installed by the Company in its plants shall be suitable for operation to maintain this condition; the Company shall maintain, under normal operating conditions, the generator voltage within two per cent. (2%) of the generator voltage corresponding to the voltage directed by the Commission as aforesaid, and shall install suitable equipment for such purposes; the power delivered hereunder shall be commercially continuous, twenty-four (24) hour power, every day in the year except as provided herein.

2. (*b*) Whenever the Commission shall require from time to time, the Company shall increase or decrease the voltage and frequency of its plant or plants, within safe operating limits of the then existing equipment of such plant or plants to the extent required by the Commission, in order to ensure operation satisfactory to the Commission in parallel with other sources of supply; it is understood and agreed that in operation of plants in parallel, the control of power factor and power delivery in any generating plant is, to a large extent, within the control of the operators in that plant, and the Company agrees so far as it can do so with its equipment installed, to operate its plant so as to maintain the power factor and the delivery of power within the limits directed by the Commission, from time to time.

If by reason of such parallel operation, the Commission shall inadvertently receive electrical power from the Company at a lower power factor than herein provided, or in excess of the amount to which the Commission is entitled under this Agreement, then the Commission shall not be subject to any charge hereunder for such excess taking of power and such excess taking shall not increase the Contract Demand as herein defined or increase the amount of the payment provided for in subclause (*a*) of Clause 3 and shall not increase or affect, in any way, any obligation of, or impose any obligation upon the Commission hereunder; excepting that the Company may notify the Commission of such excess and thereupon both parties shall exercise all skill and diligence so as to limit to the utmost such excess taking to a minimum amount and to the shortest possible period of time reasonably necessary for the proper adjustment of the power factors and loads among the various generating plants.

2. (*c*) The Commission shall be entitled to the contract demand up to a maximum weekly load factor of seventy per cent. (70%) based on the then contract demand, that is to say, that during each week after the First day of July, A.D. 1933, so long as this Agreement shall remain in force, the Commission shall be entitled, subject to the provisions of Clause 5, to receive such electrical energy as it shall require not in excess of eighty-seven and seventy-three one-hundredths kilowatt-hours (87.73 Kw. Hrs.) for each horsepower of the then contract demand.

On Sundays and holidays, the Commission, at the request of the Company, shall take not less than three kilowatt-hours (3 Kw. Hrs.) for each horsepower of contract demand; on Saturdays the Commission, at the request of the Company, shall take not less than seven kilowatt-hours (7 Kw. Hrs.) for each horsepower of contract demand.

In the event of an increase in the contract demand occurring other than at the beginning of a contract week, the Commission shall be entitled to receive the same number of kilowatt-hours for each horsepower of contract demand each day for the remainder of the week as were received for each horsepower of contract demand during the corresponding days of the last preceding week.

A week for the purposes of this Agreement shall commence at such time during the calendar week as the Commission shall from time to time notify the Company in writing; such week shall be known as the "contract week."

2. (*d*) The maximum amount of kilovolt amperes to which the Commission shall be entitled under this Agreement shall be the kilowatts corresponding to the maximum amount in horsepower to which the Commission is entitled under Clause One (1) divided by eighty-five one-hundredths (.85).

2. (*e*) For all purposes of this Agreement, the Company shall be considered to have held available for the Commission in each week, all the horsepower and kilowatt-hours to which the Commission was entitled in that week, unless the Company fails to have available the power which the Commission is entitled to and asks for under the provisions of this Agreement and the Commission complains of such failure at the time, and unless within fourteen (14) days, or other time agreed upon, after the end of that week, the Commission shall have given to the Company written notice of the fact and approximate amount of the deficiency.

2. (*f*) If the Commission shall inadvertently take in any week more kilowatt-hours than it is entitled to take in such week, the Commission will, upon notice in writing from the Company, adjust the matter by making a corresponding reduction in its takings in the next following contract week after the contract week in which such notice shall have been given, unless the Company shall agree to extend this time; but if after receipt of such notice from the Company, the Commission shall not during the said next following contract week make good such excess taking and correspondingly reduce its takings during the said contract week, then the Commission shall pay to the Company for any excess energy so taken at the rate of three and twenty-eight one-hundredths mills (3.28 mills) per kilowatt-hour.

2. (*g*) Because of the fact that the high voltage circuits involved in this Agreement will be physically connected and operated in parallel with those from other power sources, and because of the magnitude and nature of the system involved, it is necessary that the Commission and the Company co-operate.

The Commission and the Company will co-operate in respect of all matters of common interest, including without limiting the generality of the foregoing, design of plant and equipment and design of control, protective, communication and other features which necessitate similar or co-ordinated equipment.

The Commission and the Company shall install only first-class, modern equipment of such characteristics and type as are best suited for the service intended, and shall from time to time make such commercially reasonable changes in or additions to said equipment (other than major equipment) as will best serve to maintain the system as a whole, in accordance with good practice in the art as developed from time to time.

The Commission and the Company shall each be entitled to the final decision in respect of the design of its own plant and property, other than such features thereof as necessitate similar or co-ordinated equipment at the plant of each party as aforesaid; in the event of the Commission or the Company exercising such right of final decision, then the Commission or the Company, as the case may be, shall be responsible for the suitability for the purpose intended of plant or equipment constructed according to the design selected by it.

The Commission and the Company shall exercise all due skill and diligence so as to secure the satisfactory operation as a system, of the plant, apparatus and property of both the Commission and the Company, including, without limiting the generality of the foregoing, parallel operation, voltage, power factor and any problems which may arise in connection with the use of the high voltage specified and length of lines contemplated.

3. THE COMMISSION AGREES:

(*a*) To pay to the Company, in monthly payments, for all power and energy under this Agreement, at the rate of Fifteen Dollars ($15) per horsepower per annum, of the then contract demand in effect from time to time, which is a total of:

$25,000.00 per month from July 1, 1933, until July 1, 1934.

$50,000.00 per month from July 1, 1934, until July 1, 1935;

$83,750.00 per month from July 1, 1935, until July 1, 1936;

$125,000.00 per month from July 1, 1936, until November 1, 1936;

$156,250.00 per month from November 1, 1936, and during the remaining term of this Agreement.

The amount of dollars per month is obtained by multiplying the maximum contract demand, as determined in Clause 1 hereof by One and one-quarter (1¼); the said monthly payments being subject always to adjustment, as in this Agreement provided.

3. (*b*) To pay the Company in monthly payments for any excess kilowatt-hours for which payment is to be made under Clause 2 (*f*); such monthly payments shall cover any amounts payable for such excess kilowatt-hours taken during the full weekly periods terminating within the month for which the payments are made.

3. (*c*) To make all the payments to be made by it under this Agreement in lawful money of Canada, at Toronto, Province of Ontario, Canada, and to pay the said monthly payments to the Company on the twentieth day of each calendar month for the accrual of the preceding calendar month, the Company to render the bill on or beofre the tenth day of the month; provided that if any bill remains unpaid on the twentieth day of the month in which it is rendered, the Commission shall thenceforth be in arrears for said payment, and all payments in arrears shall bear interest at the rate of Six per cent. (6%) per annum; Provided, further, that if the Commission or the Company be entitled to any adjustment in respect of any payment, such adjustment shall be given effect to in the monthly payment falling due next after the determination thereof, and no portion of any monthly payment shall be postponed pending determination of any such adjustment, except if and to the extent that any decision or determination on such adjustment (even though under appeal) shall have held the Commission entitled to the adjustment; every such adjustment shall include interest at the said rate of Six per cent. (6%) per annum on the amount allowed from the Twentieth day of the month in respect to which adjustment is allowed.

3. (*d*) At all times to take and use the electrical power in such manner that the current will be taken from the three phases as nearly equally as practicable, and in no case shall the difference in current between any two phases be greater than Five per cent. (5%). If such difference be greater than Five per cent. (5%), the Commission, upon instructions from the Company, shall so adjust its load as to comply with these requirements.

3. (*e*) Subject to all the provisions hereof, at all times to take and use the power and energy covered by this Agreement within the limits set out in Clauses 1 and 2 hereof.

4. (*a*) The measurement of electrical power and energy under this Agreement shall be made by means of suitable polyphase recording demand meters and integrating kilowatt-hour meters, hereinafter called "measuring instruments," provided and installed by the Company and so arranged as to measure and record accurately the said power and energy, all in a manner satisfactory to the Commission. Readings from the said kilowatt-hour meters shall be taken daily at the same hour, and recorded by the Company on forms supplied by the Commission. Records from the said kilowatt-hour meters and the said recording demand meters shall be dated and forwarded promptly by the Company to the Commission and such records on file with the Commission shall be available to the Company for inspection at all reasonable times.

4. (*b*) The power delivered and the demand in horsepower or either of them for the purpose of this Agreement shall be the integrated amount of power for twenty (20) consecutive minutes, as determined from coincident readings of the above-mentioned polyphase recording meters and adjusted, when necessary, according to Clause 2 (*d*). Provided that nothing in this sub-clause shall be construed as increasing the contract demand or any obligation of the Company under Clause 1, or the obligations of the Commission to pay for power hereunder.

4. (*c*) The weekly taking of the energy shall be determined from the weekly readings of the said integrating kilowatt-hour meters.

4. (*d*) The power and energy covered by this Agreement shall be delivered at a voltage not exceeding Two hundred and forty thousand volts (240,000 V.) subject to Clause 2, as hereinbefore mentioned, at the boundary between the Provinces of Ontario and Quebec, at or near Cumberland, and the Company shall install suitable and necessary transformers and a transmission circuit, which circuit shall include a river crossing with one spare conductor complete with the tower on the Ontario shore, all of types and capacities approved by the Commission; and the Company will on completion of such installation transfer and convey to the Commission the said tower and so much of the said river crossing as is on the Ontario side of the said boundary. All electrical power and energy supplied under this Agreement shall be measured at the Two hundred and forty thousand volt (240,000 V.) step-up transformers at or near the Company's Masson Generating Station on the du Lievre River and on the generator voltage side thereof, and no adjustment of such measurement shall be made for the loss in single step transformation from generator to transmission voltage (approximately Two hundred and forty thousand volts (240,000 V.); the said transformer loss and the transmission loss at the said voltage from the place of measurement at the said transformers to the point of delivery have been and are hereby assumed by the Commission and have already been considered in arriving at the price herein specified; provided that if for any reason the measuring instruments are connected at other than the said point, their readings shall be subject to a correction and shall be corrected to give results such as would be obtained by instruments connected at the said point.

The Company will provide a suitable communication system between its plants and the point of delivery.

4. (*e*) Access to said measuring instruments and transformers belonging to the Company shall be free to the Commission at any and all times, and the Commission may test such measuring instruments and transformers at any reasonable time in the presence of a representative of the Company, by giving to the Company seven (7) days' previous notice in writing of its desire to test such measuring instruments.

4. (*f*) The measuring instruments with the necessary current and potential transformers for the measurement of electrical power and energy hereunder shall be provided, installed and maintained by the Company, all in a manner satisfactory to the Commission.

The Company agrees to test each meter installed by it to measure the electrical power and energy contracted for hereunder at least once in each sixty (60) days; the Commission shall be advised at least five (5) days before the day of the test, so that it may, if it so desires, have a representative present to witness and verify such test. At any time the Commission notifies the Company that it believes that such meters, or any of them, are not within the closest practicable agreement with perfect accuracy, such meter or meters shall be jointly tested within five (5) days of the receipt by the Company of the said notice. If any meter shall be found on regular or special test to be inaccurate, it shall be properly adjusted and the records of its readings taken since the last prior test shall be corrected, and all kilowatt hour readings affected shall be adjusted, all on the basis of the average of progressive inaccuracy. The Company shall repair and replace or retest defective meters or measuring equipment within a reasonable time. During any time there is no meter in service, it shall be assumed that the energy consumed is the same as for other days of the same month on which a similar load existed.

4. (*g*) The Commission may from time to time, at its option, install duplicate measuring equipment, including necessary current and potential transformers at the points of measurement for the purpose of checking records obtained from the Company's measuring equipment or for any other purpose.

4. (*h*) The Company shall not be responsible for any damage to property or apparatus furnished by the Commission for the purpose of supplying or measuring power or energy hereunder, or for any other purpose, and installed on the Company's property, unless such damage originates from a source within the control of the Company and external to the said apparatus of the Commission.

4. (*i*) The kilowatts, kilovolt amperes, kilowatt hours and all other factors and quantities or any of them, shall be determined directly or indirectly from the measuring equipment provided for in this Clause 4; and the standards of McGill University, or of the recognized National authority, if there be such generally accepted, shall be used as the final reference as to the accuracy of measuring equipment.

5. (*a*) Subject to the direction of the Commission, as provided in Clause 2, the maintenance by the Company of approximately the agreed voltage, at the agreed frequency, at the point of delivery, together with the ability of the Company to supply the power and energy under this Agreement, shall constitute the delivery of power involved in this Agreement.

5. (*b*) In case the Company shall at any time or times be prevented from delivering, or the Commission from receiving the said power and energy, or either of them, or any part thereof, by strikes, riots, fire, invasion, explosion, act of God, the King's enemies, or any other similar cause or causes reasonably beyond the control of them, or either of them, then to the extent of such prevention, the Company shall not be bound to deliver and the Commission shall not be bound to pay for such power or energy during such time.

Each party shall be prompt and diligent in removing the cause of such interruption (and to this end shall in advance of any such interruption provide a reasonable reserve of spare parts and apparatus), and as soon as the cause of such interruption is removed, the Company shall, without any delay, deliver said power as aforesaid, and the Commission shall pay for the same.

5. (*c*) The Company shall have the right at reasonable times and when possible, after due notice has been given to the Commission, to discontinue or reduce, to the extent necessary, the supply of power and energy, or either of them, to the Commission for the purpose of safeguarding life or property, or for the purpose of making repairs, renewals or replacements to the generating, transforming, transmitting, or other equipment of the Company, but all such interruptions, total or partial, shall be of a minimum duration, and, when possible arranged for at a time least objectionable to the Commission.

During such interruptions, the Commission shall be released from its obligation to pay for such power and energy as the Commission is entitled to receive and the Company fails to deliver or to hold available for the Commission.

5. (*d*) In case of the failure of the Company at any time to have available and to deliver as set forth in Clauses 1 and 2, the full amount of the electrical power and energy to which the Commission is entitled under this Agreement, there shall be a proportionate reduction in the monthly sum payable by the Commission to the Company, and, without limiting the generality of the foregoing, any failure of the Company under Sub-clause (*b*) or Sub-clause (*c*) of this Clause shall be included as a failure under this Sub-clause (*d*); the amount of reduction from the amount which would otherwise accrue due from the Commission to the Company during such month shall bear the same ratio to such accrued amount as the average deficiency in horsepower during such month bears to the then contract demand in horsepower; the said average deficiency in horsepower during such month shall be the result determined from dividing the number of hours in the month into the total deficiency in horsepower hours below the Commission's requirements within the contract demand, resulting from all the said total or partial interruptions occurring during the month, as shown by the graphic meter records.

5. (*e*) If any failure of the Company, as mentioned in Clause 5 (*d*) is due to causes within the Company's control (any interruptions under Clauses 5 (*b*) or 5 (*c*) shall, in no way, be deemed to be in the control of the Company, but financial difficulties shall be deemed to be in the control of the Company), the Company, in additional to the reduction under Clause 5 (*d*), shall pay to the Commission, as liquidated damages determined beforehand in respect of every such failure, a sum equal to fifty per cent. (50%) of the said reduction until the Thirty-first day of October, A.D. 1947, and thereafter to one hundred per cent. (100%) of the said reduction, and the liquidated damages shall be in addition to the said reductions.

6. One or more representatives or engineers of the Commission designated for this purpose, may, at any reasonable time during the continuance of this Agreement, have access to the premises of the Company for the purpose of inspecting the premises, apparatus, plants, property and electrical and hydraulic records of the Company pertaining to the power developments at which the power supplied under this Agreement is generated, and to take and obtain records therefrom as required.

Representatives of the Company shall have similar rights in respect of the premises, apparatus, plants, property and electrical records of the Commission, pertaining to the power supplied under this Agreement.

7. In case any disagreement, dispute, difference or question shall, at any time hereafter, arise between the Commission and the Company in respect to the construction of this Agreement or concerning anything herein contained, or hereby provided for, or arising thereout, or as to the rights, liabilities or duties of the Commission and the Company, or either of them, the same shall forthwith be referred to a single arbitrator in case the parties can agree upon one, otherwise to two arbitrators, one to be appointed by each party to the difference, and in either case in accordance with and subject to the provisions of *The Arbitration Act* of the Province of Ontario, Revised Statutes of Ontario, 1927, chapter 97, or any statutory modification or re-enactment thereof for the time being in force, and shall be determined in accordance with the laws of the Province of Ontario; the findings of the arbitrator or arbitrators shall be final and binding upon the Commission and the Company respectively, except that either may appeal from, move to set aside, vary or refer back an award as provided in the said *Arbitration Act*, and except that the right to appeal to the Supreme Court of Canada and to the Privy Council or either of them shall not be limited.

8. For all purposes of this Agreement, the electrical power and energy kept available for delivery to the Commission and delivered to the Commission under this Agreement shall be taken only from the electrical power and energy derived or developed from the water power owned by the Company in fee simple at Masson and High Falls on the du Lievre River.

This Agreement is made subject to the conditions lawfully attached by the Government of the Province of Quebec to the approvals of the plans and specifications of the works from which the power and energy delivered hereunder are obtained as to export of power to the United States.

9. The rates to be paid and payments to be made by the Commission for power and energy under this Agreement, shall, subject to the provisions of this Clause, include all compensation to the Company for all taxes, levies, rentals, royalties, license fees and charges that may be levied, assessed or imposed by the Dominion, Provincial or Municipal or any other authority for or during the term of this Agreement, or any part thereof; if, however, while this Agreement shall continue in force, (a) any Dominion or Provincial taxes or other similar levies (but not any Municipal taxes nor any income taxes) not now in existence be created or any now existing be increased in rate, or, (b) any Dominion or Provincial rentals, royalties, license fees or similar charges for the use of water, not now in existence be created, or any now existing be increased in rate, in such manner as to increase the cost to the Company by reason of these items of the electrical power and energy kept available for and delivered to the Commission under this Agreement, then in each and every such case, an increase shall be made in the payments by the Commission to the Company hereunder which shall, after crediting any reduction in any such items, exactly compensate the Company for the increase thereby occasioned in

the cost to the Company of the electrical power and energy kept available for and delivered to the Commission under this Agreement; provided that in the event of any reduction in any such item, the said increase in the payments by the Commission shall be reduced accordingly to the extent of the total of the said increase but no more.

Provided further, that Workmen's Compensation and any rates or charges in respect thereof shall not be deemed to be taxes for the purposes of this Clause and the liabilities and obligations of the Commission shall not in any way be increased thereby but the same shall be borne by the Company; the recently authorized educational tax of the Province of Quebec not yet promulgated shall, for the purposes of this Clause, be regarded as not in existence.

Provided, however, and it is hereby expressly agreed in view of Clause 8 hereof, that all the obligations and liabilities of the Company now existing or which may hereafter arise under or by virtue of two Emphyteutic leases dated respectively the 7th day of November, 1929, and the 5th day of November, 1930, passed before Monsieur Roger Biron and Monsieur Edouard Biron respectively, each of whom is a Notary Public in and for the Province of Quebec and made between the Honourable Honore Mercier, acting in his quality of Minister of Lands and Forests of the Province of Quebec as Lessor, and the Company as Lessee, shall be deemed to have been in existence prior to the date of this Agreement, and that in no event shall any increase be made in the payments by the Commission to the Company or its Assigns under this Agreement, for or in respect of or by reason of any taxes, assessments, tariffs, levies, rentals, royalties, fees, charges or other payments of any kind whatsoever, which are payable or which may hereafter become payable under or by virtue of the said Emphyteutic Leases or either of them, or under any of the provisions contained therein or in any other Provincial Lease or Leases whatsoever.

10. This Agreement shall be binding upon both parties hereto upon its execution, and shall continue in force until the expiry of a period of forty (40) years, which period shall begin on the first day of July, A.D. 1933.

11. The Commission shall be entitled at any time prior to the expiration of thirty (30) days' notice in writing from the Company, delivered after the termination of this Agreement, to remove from the premises of the Company any and all plant or equipment which may have been installed by the Commission for the supply or measurement of power hereunder.

12. All written notices which are required to be sent hereunder by either party to the other shall be sent by registered letter to such address or addresses as each party may, from time to time, file with the other. The parties agree each to maintain its address on file with the other.

13. The Company covenants and agrees with the Commission that if, at any time hereafter, during the continuance of this Agreement, the Company or any assignee or transferee from the Company should mortgage, hypothecate or charge any of its rights, or immovable property, which are necessary for the development of power or energy, or any part of such property or rights, to secure bonds or debentures or other securities of like nature, any such mortgage, hypothecation or charge shall be expressly made subject to all covenants, agreements and obligations on the part of the Company in this Agreement contained and shall provide that any sale of the property or rights so mortgaged, hypothecated or charged, or any part thereof, under the provisions of such mortgage, hypothecation or charge, shall be made subject to the obligations of the Company in this Agreement contained, and that the premises mortgaged, hypothecated or charged shall not be sold except to a purchaser who shall covenant and agree with the Commission to assume and perform the obligations of the Company in this agreement contained, and in all respects succeed to the position of the Company hereunder; and it is agreed that all the said provisions shall be conditions of every contract mortgaging, hypothecating or charging the immovable property or rights of the Company or any assignee or transferee, as aforesaid, which are necessary for the development of power or energy, or any part of such property or rights, and shall be expressed therein as stipulations in favour of, and for the benefit of the Commission.

The Company further covenants and agrees with the Commission that it will not assign or transfer any of its plant or immovable property necessary to the development of power or energy except to an assignee or transferee, which shall covenant and agree with the Commission, in such form and manner as the Commission may require, to assume and perform the obligations of the Company in this Agreement contained; any such assignment or transfer shall not relieve the Company from any of its said obligations, and the Company will, if required by the Commission, execute and deliver to the Commission its guarantee in such form as the Commission may require for the full performance of this Agreement by such assignee or transferee.

14. This Agreement shall extend to, be binding upon and enure to the benefit of the successors and assigns of the parties hereto, subject to the consent in writing of the Commission to any assignment other than an assignment to an assignee that shall have complied with Clause 13.

In witness whereof the parties hereto have caused this Agreement to be executed under their Corporate Seals, attested by the signatures of their proper officers duly authorized thereto.

WITNESS:

L. C. CHRISTIE.

*Recommended*:
Dec. 20, 1930.
(Sgd.) R. T. JEFFERY,
Engineering Dept.

Dec. 10, 1930.
(Sgd.) W. GEORGE HANNA,
Legal Dept.

*Approved*:
Dec. 20, 1930.
(Sgd.) I. B. LUCAS,
Gen. Solicitor.

Dec. 20, 1930.
(Sgd.) F. A. GABY,
Chief Engineer.

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

(Sgd.) C. A. MAGRATH,
*Chairman.*

(Sgd.) W. W. POPE,
*Secretary.*

(Seal) HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO.

THE JAMES MACLAREN CO., LIMITED,

(Sgd.) ALBERT MACLAREN,
*President.*

..........................................................
*Secretary.*
(Seal) THE JAMES MACLAREN COMPANY, LIMITED, 1900.

T.H.H.

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THIS AGREEMENT made in triplicate this 14th day of January, A.D. 1935.

BETWEEN:

THE JAMES MACLAREN COMPANY LIMITED, herein called the "MacLaren Company"

OF THE FIRST PART,

MACLAREN-QUEBEC POWER COMPANY, herein called the "Power Company,"

OF THE SECOND PART,

—and—

THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO, herein called the "Commission,"

OF THE THIRD PART.

Whereas by an Indenture dated the Twentieth day of December, A.D. 1930, the MacLaren Company therein called the "Company," entered into a contract with the "Commission" therein called the Commission, for the sale of power to the Commission, and also on the same date the Commission gave to the Company a letter supplementary to the said contract, the said contract and supplementary letter being herein referred to as the "Power Contract."

And whereas in the said power contract it was provided as follows:

> "The Company further covenants and agrees with the Commission that it will not assign or transfer any of its plant or immovable property necessary to the development of power or energy except to an assignee or transferee, which shall covenant and agree with the Commission, in such form and manner as the Commission may require, to assume and perform the obligations of the Company in this Agreement contained; any such assignment or transfer shall not relieve the Company from any of its said obligations, and the Company will, if required by the Commission, execute and deliver to the Commission its guarantee in such form as the Commission may require for the full performance of this Agreement by such assignee or transferee."

And whereas the MacLaren Company desires to transfer to the Power Company certain properties and rights of the MacLaren Company including the plant and immovable property of the MacLaren Company necessary for the development of electrical power or energy and also desires to transfer to the Power Company the rights, interest and benefit of the MacLaren Company under or arising out of the said power contract.

Now, therefore, this Agreement witnesseth that for the considerations herein contained the parties hereto covenant, promise and agree as follows:

1. The Power Company hereby covenants and agrees with the Commission to assume, undertake and perform and hereby assumes and undertakes and binds itself to perform all the covenants, agreements and obligations of the MacLaren Company under or arising out of the power contract as fully and effectually as the MacLaren Company itself might or could do.

2. The above mentioned transfer of the said plant and immovable property and of the rights, interest and benefit of the MacLaren Company under or arising out of the power contract shall not release or relieve the MacLaren Company from any obligation contained in the power contract.

3. The MacLaren Company hereby covenants and agrees with the Commission that the Power Company will from time to time and at all times perform all the covenants, agreements and obligations contained in the power contract on the part of the MacLaren Company to be performed, and that if the Power Company shall in any respect whatsoever fail to perform any of the said covenants, agreements and obligations with the Commission in accordance with the power contract, the MacLaren Company will itself perform or cause to be performed the said covenants, agreements and obligations as fully in all respects as if the power contract had never been transferred to the Power Company and the MacLaren Company hereby renounces the benefit of discussion and binds itself jointly and severally with the Power Company for due performance as in this clause above set out.

4. The MacLaren Company further covenants and agrees with the Commission that the Commission may at any time agree with the Power Company to vary the terms of the power contract with the Power Company, or take or receive from the Power Company any security whatsoever to secure performance of the said covenants, agreements and obligations, or grant any extension of time to the Power Company, or deal with the Power Company in any manner whatsoever without releasing the MacLaren Company from any covenants, agreements and obligations contained herein or in the power contract or in the power contract as so varied:

5. The Commission hereby declares that the covenants and agreements of the Power Company contained in Clause 1 of this Agreement are made in the form and manner required by the Commission as contemplated by the above recited paragraph from the said power contract and that the guarantee of the MacLaren Company contained in Clause 3 of this Agreement is made in the form and manner required by the Commission as contemplated by the said above recited paragraph, and the Commission hereby consents to the transfer by the MacLaren Company to the Power Company of the rights, interest and benefit of the MacLaren Company under or arising out of the said power contract, subject always to all the terms and provisions of this Agreement.

In witness whereof the Parties hereto have caused this Agreement to be executed under their corporate seals, attested by the signatures of their proper officers duly authorized thereto.

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| Witness: | The James MacLaren Company, Limited, |
| | (Sgd.) Albert MacLaren,<br>*President.*<br>(Seal) |
| (Sgd.) J. H. Copping. | (Sgd.) J. A. Bryant,<br>*Secretary.* |
| | MacLaren-Quebec Power Company,<br>(Seal) |
| | (Sgd.) Albert MacLaren,<br>*President.* |
| (Sgd.) J. H. Copping. | (Sgd.) J. A. Bryant,<br>*Secretary.* |
| *Recommended*:<br>January 13, 1931.<br>(Sgd.) W. George Hanna, | The Hydro-Electric Power Cdmmission of Ontario,<br>(Seal) |
| *Approved*:<br>January 13, 1931.<br>(Sgd.) I. B. Lucas. | (Sgd.) J. R. Cooke,<br>*Vice-Chairman.* |
| January 14, 1931.<br>(Sgd.) F. A. Gaby. | (Sgd.) W. W. Pope,<br>*Secretary.* |

## CHAPTER 54

# An Act to amend The Power Commission Act.

*Assented to April 18th, 1935.*

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Short title.

**1.** This Act may be cited as *The Power Commission Amendment Act, 1935.*

Rev. Stat., c. 57, s. 1, cl. *b*, amended.

**2.**—(1) Clause *b* of section 1 of *The Power Commission Act* is amended by striking out the words "electrical power or energy" in the last line and inserting in lieu thereof the words "hydraulic, electrical, steam, gas or other power or energy," so that the said clause shall now read as follows:

"Works"

(*b*) "Works" shall include all property, plant, machinery, installations, materials, devices, fittings, apparatus, appliances and equipment constructed, acquired or used in the generation, transformation, transmission, distribution, delivery, sale or use of hydraulic, electrical, steam, gas or other power or energy.

Rev. Stat. c. 57, s. 1, amended.

(2) The said section 1 is further amended by adding thereto the following clauses:

"Power."

(*f*) "Power" shall include hydraulic, electrical, steam, gas or other power and shall also include energy;

"Supply."

(*g*) "Supply" shall include delivery, dealing in, and sale.

Rev. Stat., c. 57, s. 11, cl. *c*, re-enacted.

**3.** Clause *c* of section 11 of *The Power Commission Act* is repealed and the following substituted therefor:

For unforeseen expenses.

(*c*) to meet any unforeseen expenditures or costs caused by or arising from injury to, or destruction, obsolescence or loss of use of, any works or other property of the Commission or otherwise incurred or payable by the Commission;

Insurance against loss or damage to property.

(*d*) to provide its own funds as insurance against loss or damage to any property of the Commission, or loss or damage to the persons or property of others caused by or arising from the works or operations of the Commission.

Stabilization fund.

**4.**—(1) Notwithstanding anything contained in sections 11*a* and 56 of *The Power Commission Act* the Commission shall not be required to open and maintain the stabilization fund account referred to in the said sections until such time as the Commission may otherwise determine and the Commission may, for stabilization fund purposes, set apart moneys under section 11.

Commencement of section.

(2) This section shall be deemed to have been in force as from the 3rd day of April, 1930.

Rev. Stat., c. 57, s. 36, re-enacted.

**5.** Section 36 of *The Power Commission Act* as amended by section 2 of *The Power Commission Act*, 1934, is repealed and the following substituted therefor:

General borrowing powers.

36.—(1) Subject to the approval of the Lieutenant-Governor in Council, the Commission may borrow money and issue notes, bonds, debentures and other securities or do any of these things for any of the purposes of the Commission.

Purposes of Commission shall include.

(2) The said purposes of the Commission shall, without limiting the generality thereof, include—

(*a*) repayment on account of the advances by the Province to the Commission;

(*b*) payment, refunding or renewal from time to time of the whole or any part of any loan made or securities issued by the Commission under the provisions of this or any other Act;

(*c*) payment of the whole or any part of any loan or of any liability or of any bonds, debentures or other securities, payment whereof is guaranteed or assumed by the Commission.

May borrow net sum.

(3) For the purposes specified in subsection 2 the Commission may borrow and may issue as aforesaid in such amounts as will realize the net sum required by the Commission for such purposes and a recital or declaration in the resolution or minutes of the Commission authorizing the issue of securities to the effect that the amount of securities so authorized is necessary to realize the net sum required for the purposes of the Commission shall be conclusive evidence of the fact.

Commission may sell or pledge.

(4) The Commission on such terms and conditions as it deems advisable may sell or otherwise dispose of any such notes, bonds, debentures and other securities, may charge, pledge, hypothecate, deposit or otherwise deal with any such securities as collateral security and may do any of these things.

Re-issue of securities.

(5) Any such securities dealt with as collateral security when redelivered to the Commission or its nominees on or after payment, satisfaction, release or discharge in whole or in part of any indebtedness or obligation for which such securities may have been given as collateral, or when the Commission again becomes entitled to such securities, may be treated by the Commission as unissued and may be issued, reissued, charged, pledged, hypothecated, deposited, dealt with as collateral security, sold or otherwise disposed of from time to time upon such terms and conditions as the Commission may deem advisable, or at its option may be cancelled and fresh securities to the like amount and in like form may be issued in lieu thereof with the like consequences, and upon such issue or reissue any person entitled thereto shall have the same rights and remedies as if the same had not been previously issued.

Commission may pledge securities.

(6) The Commission on such terms and conditions as it deems advisable may charge, pledge, hypothecate, deposit or otherwise deal with as collateral security any bonds, debentures or other securities in which it has invested its funds as in section 12 provided.

Rev. Stat., c. 57, s. 40, amended.

6. Section 40 of *The Power Commission Act* as amended by section 5 of *The Power Commission Act*, 1929, is further amended by adding thereto the following subsections:

Work for extending use of electricity.

(4) Subject to the approval of the Lieutenant-Governor in Council the Commission, out of any funds in its hands, may undertake and carry on investigation, experiments, research, development and other work in or for the generation, transformation, transmission, distribution, supply, sale or use of hydraulic, electrical, steam, gas or other power or energy and may use and apply the results thereof, and may undertake and carry on any electro-chemical, chemical or physical process and, without limiting the generality thereof, electrolysis, reduction, synthesis and conversion of water and other resources, their constituents and compounds and the development and manufacture of products therefron.

Dealing in patents and products.

(5) The Commission may acquire any patent or license, or interest in any patent or license and may use or supply or dispose of by sale, lease, hire, license or otherwise any such patent, license or interest and any product, article or commodity produced, used, acquired or found in the operations of the Commission and any right to or interest in any process or the right to use the same.

Power to act with others.

(6) The Commission may do any or all of the things authorized in this section and as principals, agents, contractors, trustees or otherwise and either alone or in conjunction with others. A municipal corporation or commission may act as agent for the Commission.

Profits to reduce cost of power.

(7) Any net profit obtained by the Commission from anything authorized in this section shall be applied as the Commission shall deem equitable towards reduction in the cost of power to municipal corporations having contracts with the Commission for the supply of electrical power or energy.

Rev. Stat., c. 57, s. 43*a* (1933, c. 47, s. 2), amended.

7. Section 43*a* of *The Power Commission Act* as enacted by section 2 of *The Power Commission Act, 1933*, is amended by adding thereto the following subsections:

Cost in s. 56 shall not apply.

(6) The contract with a municipal corporation under subsection 5 may provide for the supply of electrical power or energy at fixed rates or price notwithstanding anything contained in section 56, and in such event the provisions as to cost in section 56 and the provisions in other sections of this Act relating to such cost shall not apply to such municipal corporation but otherwise this Act shall apply to such municipal corporation.

Commencement of subs. 6.

(7) Subsection 6 shall apply to municipal corporations supplied with power from works covered by an agreement authorized under subsection 2 of this section and shall be deemed so to have applied since the 18th day of April, 1933.

Rev. Stat., c. 57, amended.

8. *The Power Commission Act* is amended by adding thereto the following section:

Agreement as to supplying power.

69*a*.—(1) The Commission may enter into an agreement or agreements with His Majesty the King in the right of the Province of Ontario providing for the supply and distribution of electrical power or energy by the Commission on behalf of the Province in unorganized townships, in Provincial Parks and in other territory without municipal organization and including under any such agreement from time to time any one or more of the areas that may be defined under subsection 2, and any such agreement when executed by the President of the Executive Council of Ontario, representing His Majesty, and by the Commission, shall be valid and binding on His Majesty in the right of the Province of Ontario and on the Commission respectively.

Commission may define areas.

(2) Subject to the approval of the Lieutenant-Governor in Council, the Commission may define areas in unorganized townships, in Provincial Parks and in other territory without municipal organization; the Commission may make any such area or areas a rural power district or part thereof, or part of an existing rural power district; the Commission may alter, enlarge or diminish any such area and may incorporate the whole or any part of any such area in any other rural power district but before adding to any area land not previously included in any area, the approval of the Lieutenant-Governor in Council shall first be obtained; for the purposes of this section a rural power district shall include any such district established under this section or under section 66.

Supply of power.

(3) Subject to agreement under subsection 1, the Commission may, on behalf of the Province,—

(*a*) acquire, construct, extend, reconstruct, hold, maintain, operate and administer all works necessary for the transmission to and the transformation and distribution and supply of electrical power or energy in any such area;

(*b*) distribute and supply electrical power or energy in any such area;

(*c*) contract with any person, firm or corporation for the supply of electrical power or energy in any such area.

Deemed rural power.

(4) Save as in this section provided, all other provisions in relation to rural power districts in this or any other Act shall apply to each such area and the distribution and supply of electrical power or energy therein.

**9.**—(1) Subsection 2 of section 97 of *The Power Commission Act* as amended by section 11 of *The Power Commission Act, 1930*, and subsection 2 of section 8 of *The Power Commission Act, 1931*, is repealed and the following substituted therefor:

Rev. Stat., c. 57, s. 97, subs. 2 amended.

(2) Notwithstanding anything contained in *An Act respecting the City of Toronto*, passed in the first year of the reign of His Majesty, King George the Fifth, chaptered 119, in a city having a population of sixty thousand or over according to the last enumeration of the assessor, the corporation of which has entered into a contract with the Commission under this Act, the commission to be established for the control and management of the construction, operation and maintenance of all works undertaken by the corporation for the distribution and supply of electrical power or energy shall consist of three members, one of whom shall be the mayor of the city, one of whom shall be appointed by the municipal council of the city to hold office for two years and until his successor is appointed, and the third of whom shall be appointed by and shall hold office during the pleasure of the Commission.

Municipal commission how composed in city of 60,000 or over.

(2) Subsection 3 of the said section 97 as enacted by subsection 3 of section 8 of *The Power Commission Act, 1931*, is repealed.

Rev. Stat., c. 57, s. 97, subs. 3 (1931, c. 13, s. 8, subs. 3) repealed.

(3) Subsections 1 and 2 of this section shall have effect from the 1st day of August, 1934.

Subs. 1 and 2 retroactive.

**10.** This Act shall come into force on the day upon which it receives the Royal Assent.

Commencement of Act.

## APPENDIX

### TOTAL MILEAGE OF TRANSMISSION LINES AND NUMBER OF

| System and voltage | Line route miles | | |
|---|---|---|---|
| | Total to Oct. 31, 1934 | Additions 1935 | Total to Oct. 31, 1935 |
| **Niagara System** | | | |
| 220,000-volt | 705.27 | ........ | 705.27 |
| 110,000-volt | 713.70 | ........ | 713.70 |
| 110,000-volt | 67.16 | ........ | 67.16 |
| 90,000-volt | 65.85 | ........ | 65.85 |
| 60,000-volt | 94.23 | ........ | 94.23 |
| 60,000-volt | 23.72 | ........ | 23.72 |
| 46,000-volt | 16.94 | ........ | 16.94 |
| 46,000-volt | 21.54 | ........ | 21.54 |
| 30,000-volt | 13.29 | ........ | 13.29 |
| 26,400-volt | 611.77 | *1.42 | 610.35 |
| 13,200-volt | 434.90 | *2.48 | 432.42 |
| 13,200-volt | 0.71 | ........ | 0.71 |
| 12,000-volt | 113.95 | 7.55 | 121.50 |
| Dominion Power division—44,000-volt | 37.35 | *0.04 | 37.31 |
| Dominion Power division—44,000-volt | 140.60 | 0.86 | 141.46 |
| Dominion Power division—22,000-volt | 28.69 | *0.59 | 28.10 |
| Dominion Power division—22,000-volt (concrete poles) | 9.05 | *0.05 | 9.00 |
| Dominion Power division—10,000-volt | 11.23 | 3.29 | 14.52 |
| **Georgian Bay System** | | | |
| 110,000-volt | 55.83 | ........ | 55.83 |
| 38,000-volt | 54.28 | ........ | 54.28 |
| 6,600-volt | 2.30 | ........ | 2.30 |
| Severn district—22,000-volt | 176.46 | ........ | 176.46 |
| Eugenia district—26,400-volt and less | 321.25 | *0.25 | 321.00 |
| Wasdells district—22,000-volt | 83.72 | ........ | 83.72 |
| Muskoka district—38,000-volt and less | 26.46 | ........ | 26.46 |
| **Eastern Ontario System** | | | |
| 110,000-volt | 107.08 | ........ | 107.08 |
| 110,000-volt | 39.82 | 3.30 | 43.12 |
| 44,000-volt | 24.33 | ........ | 24.33 |
| 33,000-volt | ........ | 33.86 | 33.86 |
| Central district—44,000-volt and less | 503.06 | ........ | 503.06 |
| St. Lawrence district—44,000-volt | 126.79 | *1.66 | 125.13 |
| Rideau district—33,000-volt and less | 76.87 | 0.12 | 76.99 |
| Madawaska district—38,000-volt and less | 58.71 | ........ | 58.71 |
| **Thunder Bay System** | | | |
| 110,000-volt | 82.12 | ........ | 82.12 |
| 110,000-volt | 83.33 | ........ | 83.33 |
| 22,000-volt | 0.35 | ........ | 0.35 |
| 12,000-volt | 1.45 | ........ | 1.45 |
| **Northern Ontario Properties** | | | |
| 132,000-volt | 361.96 | ........ | 361.96 |
| 132,000-volt | 94.86 | ........ | 94.86 |
| Abitibi district—26,400-volt and less | 5.44 | 22.74 | 28.18 |
| Nipissing district—22,000-volt | 51.39 | ........ | 51.39 |
| Sudbury district—22,000-volt | 33.23 | 24.98 | 58.21 |
| St. Joseph district—22,000-volt | ........ | 26.40 | 26.40 |
| Espanola district—33,000-volt | ........ | 10.74 | 10.74 |
| Total | 5,481.04 | †127.35 | 5,608.39 |

*—Removals. †—Net increase.

## II

## SUPPORTING STRUCTURES CONSTRUCTED AND ACQUIRED

| Circuit miles | | | Number of steel towers | | | Number of wood poles | | |
|---|---|---|---|---|---|---|---|---|
| Total to Oct. 31, 1934 | Additions 1935 | Total to Oct. 31, 1935 | Total to Oct. 31, 1934 | Additions 1935 | Total to Oct. 31, 1935 | Total to Oct. 31, 1934 | Additions 1935 | Total to Oct. 31, 1935 |
| 705.27 | .......... | 705.27 | 3,522 | .......... | 3,522 | .......... | .......... | .......... |
| 1,372.76 | .......... | 1,372.76 | 6,562 | .......... | 6,562 | .......... | .......... | .......... |
| 67.16 | .......... | 67.16 | .......... | .......... | .......... | 824 | .......... | 824 |
| 129.00 | *0.28 | 128.72 | 409 | .......... | 409 | .......... | .......... | .......... |
| 80.27 | *5.41 | 74.86 | 941 | .......... | 941 | .......... | .......... | .......... |
| 23.72 | .......... | 23.72 | .......... | .......... | .......... | 641 | .......... | 641 |
| 50.16 | .......... | 50.16 | 376 | *1 | 375 | .......... | .......... | .......... |
| 21.54 | .......... | 21.54 | .......... | .......... | .......... | 672 | 1 | 673 |
| 26.58 | .......... | 26.58 | .......... | .......... | .......... | 612 | .......... | 612 |
| 775.75 | 4.22 | 779.97 | .......... | .......... | .......... | 23,693 | *59 | 23,634 |
| 519.83 | *2.41 | 517.42 | .......... | .......... | .......... | 17,585 | *206 | 17,379 |
| 1.42 | .......... | 1.42 | 16 | .......... | 16 | .......... | .......... | .......... |
| 178.26 | 13.62 | 191.88 | 7 | .......... | 7 | 5,121 | *60 | 5,061 |
| 71.46 | 3.16 | 74.62 | 526 | .......... | 526 | .......... | .......... | .......... |
| 136.98 | 0.86 | 137.84 | .......... | .......... | .......... | 5,116 | 4 | 5,120 |
| 34.19 | *0.74 | 33.45 | .......... | .......... | .......... | 1,289 | 4 | 1,293 |
| 18.10 | *0.10 | 18.00 | .......... | .......... | .......... | 253 | .......... | 253 |
| 11.23 | 3.29 | 14.52 | .......... | .......... | .......... | 485 | 13 | 498 |
| | | | | | | | | |
| 55.83 | .......... | 55.83 | .......... | .......... | .......... | 548 | .......... | 548 |
| 54.28 | .......... | 54.28 | .......... | .......... | .......... | 684 | .......... | 684 |
| 2.30 | .......... | 2.30 | .......... | .......... | .......... | 101 | .......... | 101 |
| 247.63 | .......... | 247.63 | .......... | .......... | .......... | 7,482 | *25 | 7,457 |
| 404.64 | *0.25 | 404.39 | .......... | .......... | .......... | 12,648 | *12 | 12,636 |
| 87.66 | .......... | 87.66 | .......... | .......... | .......... | 3,267 | .......... | 3,267 |
| 26.46 | .......... | 26.46 | .......... | .......... | .......... | 1,148 | .......... | 1,148 |
| | | | | | | | | |
| 110.39 | .......... | 110.39 | 635 | 1 | 636 | .......... | .......... | .......... |
| 39.82 | 3.30 | 43.12 | .......... | .......... | .......... | 585 | 61 | 646 |
| 24.33 | .......... | 24.33 | .......... | .......... | .......... | 286 | .......... | 286 |
| .......... | 33.86 | 33.86 | .......... | .......... | .......... | .......... | 921 | 921 |
| 554.29 | .......... | 554.29 | 2 | .......... | 2 | 17,929 | .......... | 17,929 |
| 126.79 | *1.66 | 125.13 | .......... | .......... | .......... | 4,407 | *73 | 4,334 |
| 76.87 | 0.12 | 76.99 | .......... | .......... | .......... | 2,870 | .......... | 2,870 |
| 58.71 | .......... | 58.71 | .......... | .......... | .......... | 1,965 | .......... | 1,965 |
| | | | | | | | | |
| 164.28 | .......... | 164.28 | 539 | .......... | 539 | .......... | .......... | .......... |
| 83.33 | .......... | 83.33 | .......... | .......... | .......... | 1,352 | .......... | 1,352 |
| 0.35 | .......... | 0.35 | .......... | .......... | .......... | 15 | .......... | 15 |
| 1.45 | .......... | 1.45 | .......... | .......... | .......... | 61 | .......... | 61 |
| | | | | | | | | |
| 723.92 | .......... | 723.92 | 1,873 | 2 | 1,875 | .......... | .......... | .......... |
| 94.86 | .......... | 94.86 | .......... | .......... | .......... | 1,373 | *2 | 1,371 |
| 5.44 | 22.74 | 28.18 | .......... | .......... | .......... | 199 | 802 | 1,001 |
| 67.91 | .......... | 67.91 | .......... | .......... | .......... | 1,841 | *2 | 1,839 |
| 33.23 | 24.98 | 58.21 | .......... | 2 | 2 | 1,396 | 1,977 | 3,373 |
| .......... | 26.40 | 26.40 | .......... | .......... | .......... | .......... | 692 | 692 |
| .......... | 10.74 | 10.74 | .......... | 1 | 1 | .......... | 291 | 291 |
| 7,268.45 | †136.44 | 7,404.89 | 15,408 | †5 | 15,413 | 116,448 | †4,327 | 120,775 |

## APPENDIX II

## LINES FOR THE USE OF

| System | Total route miles<br>Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Miles of single-circuit line<br>Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 |
|---|---|---|---|---|---|---|
| Niagara system | 703.52 | 2.56 | 706.08 | 320.11 | 3.55 | 323.66 |
| Dominion Power division | | | | | | |
| Georgian Bay system | | | | | | |
| Eastern Ontario system | 8.35 | | 8.35 | 5.50 | | 5.50 |
| Thunder Bay system | | | | | | |
| Northern Ontario properties | 246.06 | 4.74 | 250.80 | 245.04 | 1.50 | 246.54 |
| Totals | 957.93 | 7.30 | ‡965.23 | 570.65 | 5.05 | 575.70 |

Included in totals are 1.30 miles of 8-circuit line and 0.18 miles of 7-circuit line (E.O. system),
‡This total exclusive of telephone cable.

## TELEPHONE CIRCUITS CARRIED

| System | Total route miles<br>Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Miles of single-circuit line<br>Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 |
|---|---|---|---|---|---|---|
| Niagara system and N.A. | 1,062.28 | *1.55 | 1,060.73 | 975.29 | *1.19 | 974.10 |
| Dominion Power division | | 20.01 | 20.01 | | 14.82 | 14.82 |
| Georgian Bay system | 709.31 | *0.25 | 709.06 | 645.63 | *0.25 | 645.38 |
| Eastern Ontario system | 815.51 | 26.24 | 841.75 | 732.91 | 19.26 | 752.17 |
| Thunder Bay system | 97.86 | | 97.86 | 97.86 | | 97.86 |
| Northern Ontario properties | 248.24 | 72.16 | 320.40 | 247.71 | 72.16 | 319.87 |
| Totals | 2,933.20 | †116.61 | 3,049.81 | 2,699.40 | †104.80 | 2,804.20 |

*Removals. †Net increase.
Derived (carrier and phanton) circuits to Oct. 31, 1934—Niagara system—453.48 miles
Derived (carrier and phantom) circuits to Oct. 31, 1935—Niagara system—298.69 miles
These circuits are additional to the above tabulation but are made available by utilizing listed

**Concluded**

## TELEPHONE CIRCUITS ONLY

| Miles of double-circuit line | | | Miles of three-circuit line | | | Miles of four-circuit line | | | Miles of telephone cable | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 |
| 273.29 | 0.41 | 273.70 | 9.08 | .......... | 9.08 | 95.24 | *1.40 | 93.84 | 27.56 | .......... | 27.56 |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 1.37 | .......... | 1.37 | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 1.02 | 3.24 | 4.26 | .......... | .......... | .......... | .......... | .......... | .......... | .......... | 0.35 | 0.35 |
| 275.68 | 3.65 | 279.33 | 9.08 | .......... | 9.08 | 95.24 | *1.40 | 93.84 | 27.56 | 0.35 | 27.91 |

and 5.80 miles of 6-circuit line in Niagara system.

## JOINTLY WITH POWER CIRCUITS

| Miles of double-circuit line | | | Miles of three-circuit line | | | Miles of four-circuit line | | | Miles of telephone cable | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 | Completed to Oct. 31, 1934 | Completed Oct. 31, 1934 to Oct. 31, 1935 | Total to Oct. 31, 1935 |
| 81.54 | *0.36 | 81.18 | 4.45 | .......... | 4.45 | 1.00 | .......... | 1.00 | .......... | .......... | .......... |
| .......... | 5.19 | 5.19 | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 56.63 | .......... | 56.63 | 7.05 | .......... | 7.05 | .......... | .......... | .......... | .......... | .......... | .......... |
| 82.60 | 6.98 | 89.58 | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 0.53 | .......... | 0.53 | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... | .......... |
| 221.30 | †11.81 | 233.11 | 11.50 | .......... | 11.50 | 1.00 | .......... | 1.00 | .......... | .......... | .......... |

Eastern Ontario system—12.70 miles.
Eastern Ontario system—12.70 miles.
physical circuits.

# APPENDIX III

## DISTRIBUTION LINES AND SYSTEMS

### Summaries of Data respecting Rural Distribution Systems, constructed by The Hydro-Electric Power Commission

Below is shown in tabular form the work carried on under the supervision of the Distribution section of the Electrical Engineering department during the year ended October 31, 1935.

SUMMARY OF CONSTRUCTION IN RURAL POWER DISTRICTS

| | At October 31, 1934 | | At October 31, 1935 | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | Miles of primary line | | | Number of consumers† | | |
| | Miles of primary line constructed | Number of consumers receiving service* | Constructed | Under construction or authorized | Total | Receiving service | Authorized | Total |
| NIAGARA SYSTEM | 6,754.26 | 46,282 | 7,019.42 | 62.44 | 7,081.86 | 47,869 | 243 | 48,112 |
| GEORGIAN BAY SYSTEM | | | | | | | | |
| Severn district | 283.16 | 2,676 | 312.14 | 5.42 | 317.56 | 2,943 | 24 | 2,967 |
| Eugenia district | 212.47 | 1,118 | 222.65 | 1.14 | 223.79 | 1,129 | 13 | 1,142 |
| Wasdell district | 231.45 | 1,570 | 238.69 | 1.33 | 240.02 | 1,633 | 8 | 1,641 |
| Muskoka district | 114.69 | 656 | 127.37 | 0.10 | 127.47 | 763 | 5 | 768 |
| Bala district | 41.27 | 252 | 41.27 | 0.00 | 41.27 | 260 | 0 | 260 |
| EASTERN ONTARIO SYSTEM | | | | | | | | |
| Central district | 994.03 | 7,094 | 1,081.39 | 10.49 | 1,091.88 | 7,495 | 53 | 7,548 |
| St. Lawrence district | 398.49 | 2,423 | 405.01 | 4.54 | 409.55 | 2,494 | 19 | 2,513 |
| Rideau district | 77.40 | 486 | 92.18 | 1.00 | 93.18 | 537 | 1 | 538 |
| Madawaska district | 11.21 | 63 | 15.21 | 11.92 | 27.13 | 122 | 76 | 198 |
| Ottawa district | 183.84 | 1,127 | 185.79 | 0.33 | 186.12 | 1,197 | 1 | 1,198 |
| THUNDER BAY SYSTEM | 80.96 | 289 | 81.35 | 0.00 | 81.35 | 315 | 0 | 315 |
| NORTHERN ONTARIO PROPERTIES | | | | | | | | |
| Nipissing district | 14.62 | 352 | 18.12 | 0.00 | 18.12 | 426 | 0 | 426 |
| Manitoulin district | 37.25 | 184 | 37.25 | 0.00 | 37.25 | 176 | 0 | 176 |
| Total | 9,435.10 | 64,572 | 9,877.84 | 98.71 | 9,976.55 | 67,359 | 443 | 67,802 |

*The figures shown in this column include guarantee contracts.

†The figures shown in this column do not include guarantee contracts.

## DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS

| Rural power district | Property number | At October 31, 1934 | | At October 31, 1935 | |
|---|---|---|---|---|---|
| | | Miles of primary line constructed | Number of consumers receiving service* | Miles of primary line constructed | Number of consumers receiving service† |
| NIAGARA SYSTEM | | | | | |
| Acton | N5D1 | 8.85 | 27 | 9.39 | 28 |
| Ailsa Craig | N4D7 | 6.00 | 19 | 5.59 | 16 |
| Alvinston | N18D9 | 4.50 | 11 | 4.50 | 9 |
| Amherstburg | N15D3 | 67.02 | 597 | 67.61 | 609 |
| Aylmer | N11D2 | 112.45 | 650 | 118.43 | 675 |
| Ayr | N12D4 | 23.76 | 93 | 23.76 | 91 |
| Baden | N7D1 | 97.17 | 458 | 100.73 | 471 |
| Beamsville | N44D3 | 159.32 | 1,491 | 168.83 | 1,610 |
| Belle River | N15D2 | 43.83 | 367 | 43.83 | 378 |
| Blenheim | N14D3 | 60.47 | 330 | 61.24 | 332 |
| Bond Lake | N3D3 | 165.69 | 1,612 | 173.41 | 1,716 |
| Bothwell | N14D10 | 39.39 | 145 | 39.39 | 148 |
| Brampton | N13D2 | 52.93 | 189 | 54.83 | 177 |
| Brant | N12D1 | 112.69 | 596 | 115.19 | 614 |
| Brigden | N18D8 | 36.61 | 114 | 36.91 | 121 |
| Burford | N12D2 | 50.80 | 282 | 53.50 | 282 |
| Caledonia | N2D5 | 103.09 | 516 | 105.67 | 546 |
| Chatham | N14D1 | 143.51 | 824 | 150.52 | 858 |
| Chippawa | N1D7 | 25.98 | 179 | 28.20 | 188 |
| Clinton | N8D11 | 70.53 | 399 | 70.53 | 383 |
| Delaware | N4D3 | 139.59 | 677 | 143.20 | 697 |
| Dorchester | N4D1 | 111.16 | 595 | 113.30 | 622 |
| Dresden | N14D12 | 24.23 | 90 | 24.58 | 77 |
| Drumbo | N12D5 | 58.98 | 278 | 60.35 | 274 |
| Dundas | N2D1 | 114.02 | 773 | 117.44 | 781 |
| Dunnville | N1D9 | 19.33 | 103 | 19.55 | 114 |
| Dutton | N11D3 | 47.40 | 202 | 47.40 | 181 |
| Elmira | N7D3 | 24.45 | 93 | 25.25 | 91 |
| Elora | N5D4 | 47.36 | 279 | 48.21 | 270 |
| Essex | N15D7 | 88.04 | 458 | 90.05 | 464 |
| Exeter | N4D6 | 68.43 | 648 | 69.62 | 680 |
| Forest | N18D6 | 41.65 | 154 | 44.13 | 164 |
| Galt | N6D2 | 39.73 | 317 | 40.93 | 341 |
| Georgetown | N5D2 | 57.56 | 286 | 58.06 | 281 |
| Goderich | N8D2 | 49.83 | 219 | 50.69 | 195 |
| Grantham | N44D1 | 64.28 | 833 | 65.53 | 861 |
| Guelph | N5D3 | 94.62 | 476 | 99.27 | 605 |
| Haldimand | N2D8 | 57.89 | 318 | 69.26 | 330 |
| Harriston | N8D5 | 23.75 | 71 | 23.75 | 61 |
| Harrow | N15D4 | 68.50 | 645 | 68.58 | 661 |
| Ingersoll | N10D3 | 181.25 | 680 | 183.55 | 632 |
| Jordan | N44D2 | 37.09 | 407 | 39.99 | 414 |
| Keswick | N3D5 | 58.10 | 1,063 | 58.30 | 1,125 |
| Kingsville | N15D5 | 132.62 | 1,408 | 137.95 | 1,460 |
| Listowel | N8D8 | 80.35 | 400 | 82.13 | 356 |

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*The figures shown in this column include guarantee contracts.

†The figures shown in this column do not include guarantee contracts.

### DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1934 | | At October 31, 1935 | |
|---|---|---|---|---|---|
| | | Miles of primary line constructed | Number of consumers receiving service* | Miles of primary line constructed | Number of consumers receiving service† |
| **NIAGARA SYSTEM—Concluded** | | | | | |
| London | N4D2 | 195.77 | 2,157 | 200.08 | 2,278 |
| Lucan | N4D5 | 33.68 | 124 | 42.92 | 146 |
| Lynden | N2D2 | 54.89 | 250 | 58.48 | 250 |
| Markham | N3D1 | 121.34 | 924 | 129.80 | 976 |
| Merlin | N14D15 | 92.93 | 328 | 96.61 | 344 |
| Milton | N13D3 | 68.06 | 347 | 70.26 | 354 |
| Milverton | N8D9 | 41.42 | 192 | 41.46 | 179 |
| Mitchell | N8D7 | 69.81 | 382 | 69.81 | 354 |
| Newmarket | N3D4 | 65.67 | 400 | 69.33 | 403 |
| Niagara | N1D1 | 49.13 | 316 | 51.15 | 326 |
| Norwich | N10D1 | 111.89 | 488 | 116.09 | 522 |
| Oil Springs | N18D3 | 20.81 | 114 | 21.14 | 115 |
| Palmerston | N18D6 | 38.06 | 138 | 38.56 | 115 |
| Petrolia | N18D5 | 14.98 | 59 | 14.98 | 64 |
| Preston | N6D1 | 145.80 | 1,035 | 152.50 | 1,119 |
| Ridgetown | N14D2 | 104.88 | 711 | 106.58 | 716 |
| St. Jacobs | N7D2 | 69.94 | 388 | 71.34 | 391 |
| St. Marys | N9D1 | 115.60 | 452 | 120.24 | 446 |
| St. Thomas | N11D1 | 168.42 | 1,155 | 171.07 | 1,165 |
| Saltfleet | N17D1 | 94.07 | 1,534 | 96.21 | 1,670 |
| Sandwich | N15D1 | 129.53 | 2,057 | 130.76 | 2,035 |
| Sarnia | N18D4 | 87.78 | 1,209 | 89.14 | 1,274 |
| Scarboro | N3D2 | 86.56 | 793 | 91.53 | 885 |
| Seaforth | N8D10 | 16.60 | 155 | 17.56 | 152 |
| Simcoe | N12D6 | 74.52 | 402 | 75.08 | 396 |
| Stamford | N44D4 | 8.37 | 291 | 8.77 | 305 |
| Stratford | N8D4 | 37.17 | 229 | 37.17 | 234 |
| Strathroy | N4D4 | 78.95 | 258 | 80.21 | 235 |
| Streetsville | N13D1 | 104.49 | 467 | 107.62 | 478 |
| Tavistock | N8D1 | 81.33 | 329 | 93.16 | 330 |
| Thamesville | N14D11 | 68.31 | 277 | 69.64 | 279 |
| Tilbury | N14D14 | 63.34 | 276 | 76.77 | 301 |
| Tillsonburg | N10D4 | 114.66 | 603 | 121.27 | 630 |
| Wallaceburg | N14D13 | 86.52 | 559 | 98.52 | 596 |
| Walsingham | N12D7 | 107.56 | 552 | 135.00 | 607 |
| Walton | N8D3 | 42.87 | 277 | 45.10 | 274 |
| Waterdown | N2D3 | 71.03 | 935 | 71.46 | 989 |
| Waterford | N12D3 | 71.31 | 331 | 72.97 | 325 |
| Watford | N18D7 | 17.75 | 57 | 17.55 | 57 |
| Welland | N1D5 | 286.50 | 2,687 | 285.61 | 2,790 |
| Woodbridge | N16D1 | 197.69 | 1,016 | 212.72 | 1,086 |
| Woodstock | N10D2 | 129.47 | 656 | 130.07 | 689 |

*The figures shown in this column include guarantee contracts.
†The figures shown in this column do not include guarantee contracts.

## DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1934 | | At October 31, 1935 | |
|---|---|---|---|---|---|
| | | Miles of primary line constructed | Number of consumers receiving service* | Miles of primary line constructed | Number of consumers receiving service† |
| GEORGIAN BAY SYSTEM | | | | | |
| SEVERN DISTRICT | | | | | |
| Alliston | S32D1 | 23.57 | 148 | 24.52 | 148 |
| Barrie | S4D1 | 61.10 | 500 | 61.70 | 513 |
| Beeton | S33DI | 1.80 | 5 | 1.80 | 5 |
| Bradford | S37D1 | 27.07 | 88 | 27.07 | 85 |
| Buckskin | S24D1 | 1.20 | 16 | 1.20 | 15 |
| Cookstown | S35D1 | 0.50 | 2 | 0.50 | 2 |
| Creemore | S10D2 | 30.12 | 135 | 30.12 | 121 |
| Elmvale | S7D1 | 25.50 | 160 | 26.25 | 157 |
| Hawkestone | S9D1 | 28.95 | 178 | 29.80 | 202 |
| Innisfil | S31D1 | 29.08 | 587 | 36.46 | 656 |
| Medonte | S18D1 | 9.14 | 55 | 9.44 | 57 |
| Midland | S1D1 | 12.23 | 43 | 28.50 | 141 |
| Nottawasaga | S5D1 | 8.22 | 98 | 8.22 | 100 |
| Thornton | S36D1 | 8.00 | 30 | 8.00 | 32 |
| Wasaga Beach | S10D1 | 16.68 | 631 | 18.56 | 709 |
| EUGENIA DISTRICT | | | | | |
| Arthur | E13D2 | 2.40 | 10 | 2.40 | 8 |
| Bruce | E19D1 | 60.35 | 279 | 62.47 | 296 |
| Chatsworth | E3D1 | 0.00 | 22 | 0.00 | 22 |
| Flesherton | E1D1 | 2.60 | 38 | 2.60 | 24 |
| Holstein | E7D1 | 0.50 | 8 | 0.50 | 8 |
| Lucknow | E24D1 | 0.11 | 2 | 0.11 | 2 |
| Markdale | E1D2 | 20.70 | 89 | 20.70 | 85 |
| Meaford | E14D1 | 1.00 | 5 | 1.00 | 5 |
| Neustadt | E8D1 | 0.50 | 4 | 0.50 | 4 |
| Orangeville | E12D1 | 22.88 | 93 | 23.28 | 82 |
| Owen Sound | E2D1 | 5.52 | 50 | 12.68 | 61 |
| Ripley | E24D2 | 4.32 | 13 | 4.32 | 13 |
| Sauble | E46D1 | 11.45 | 56 | 11.45 | 66 |
| Shelburne | E10D1 | 18.44 | 56 | 18.44 | 51 |
| Tara | E15D1 | 25.75 | 115 | 25.75 | 112 |
| Wroxeter | E22D1 | 35.95 | 278 | 36.45 | 290 |
| WASDELL DISTRICT | | | | | |
| Beaverton | W2D1 | 27.26 | 337 | 30.76 | 366 |
| Cannington | W3D1 | 10.09 | 50 | 10.09 | 53 |
| Mariposa | W9D1 | 48.19 | 323 | 49.39 | 324 |
| Port Perry | W12D1 | 49.42 | 375 | 51.66 | 402 |
| Sparrow Lake | W1D1 | 34.34 | 255 | 34.64 | 279 |
| Uxbridge | W11D1 | 62.15 | 230 | 62.15 | 209 |
| MUSKOKA DISTRICT | | | | | |
| Beaumaris | M7D1 | 29.25 | 252 | 36.84 | 305 |
| Baysville | M10D1 | 32.23 | 150 | 32.35 | 172 |
| Gravenhurst | M4D1 | 2.90 | 21 | 3.04 | 23 |
| Huntsville | M2D1 | 28.70 | 106 | 33.39 | 130 |
| Utterson | M8D1 | 21.61 | 127 | 21.75 | 133 |
| BALA DISTRICT | | | | | |
| Bala | GB13D1 | 41.27 | 252 | 41.27 | 260 |

*The figures shown in this column include guarantee contracts.

†The figures shown in this column do not include guarantee contracts.

### DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Continued

| Rural power district | Property number | At October 31, 1934 | | At October 31, 1935 | |
|---|---|---|---|---|---|
| | | Miles of primary line constructed | Number of consumers receiving service* | Miles of primary line constructed | Number of consumers receiving service† |
| EASTERN ONTARIO SYSTEM | | | | | |
| CENTRAL ONTARIO DISTRICT | | | | | |
| Belleville | C38D1 | 85.00 | 694 | 86.05 | 710 |
| Bowmanville | C23D1 | 29.16 | 132 | 34.22 | 149 |
| Brighton | C6D1 | 10.65 | 62 | 11.55 | 68 |
| Campbellford | C11D1 | 21.59 | 81 | 22.29 | 82 |
| Cobourg | C13D1 | 97.22 | 484 | 105.85 | 506 |
| Colborne | C7D1 | 36.75 | 222 | 38.28 | 218 |
| Fenelon Falls | C30D1 | 24.24 | 140 | 33.10 | 186 |
| Kingston | C44D1 | 122.49 | 765 | 138.54 | 810 |
| Lakefield | C18D1 | 28.59 | 112 | 28.94 | 110 |
| Lindsay | C29D1 | 21.35 | 137 | 21.83 | 156 |
| Millbrook | C25D1 | 20.73 | 129 | 21.93 | 134 |
| Napanee | C43D1 | 110.22 | 548 | 112.10 | 553 |
| Newcastle | C22D1 | 29.45 | 129 | 30.45 | 132 |
| Norwood | C31D1 | 8.03 | 63 | 8.03 | 65 |
| Oshawa | C24D1 | 117.86 | 1,552 | 129.86 | 1,682 |
| Omemee | C26D1 | 5.22 | 11 | 5.22 | 8 |
| Peterboro | C20D1 | 63.84 | 1,108 | 66.93 | 1,155 |
| Stirling | C35D1 | 27.81 | 114 | 27.81 | 115 |
| Trenton | C3D1 | 42.82 | 206 | 45.99 | 217 |
| Warkworth | C49D1 | 0.40 | 6 | 0.77 | 8 |
| Wellington | C45D1 | 90.61 | 399 | 111.65 | 431 |
| ST. LAWRENCE DISTRICT | | | | | |
| Alexandria | L15D1 | 20.33 | 107 | 20.40 | 107 |
| Brockville | L3D1 | 99.17 | 673 | 99.36 | 685 |
| Chesterville | L5D1 | 47.82 | 353 | 52.14 | 369 |
| Iroquois | L9D1 | 90.42 | 437 | 91.16 | 461 |
| Martintown | L13D1 | 23.66 | 145 | 24.29 | 147 |
| Maxville | L14D2 | 62.07 | 394 | 62.64 | 411 |
| Prescott | L2D1 | 37.07 | 206 | 37.07 | 202 |
| Williamsburg | L7D1 | 17.95 | 108 | 17.95 | 112 |
| RIDEAU DISTRICT | | | | | |
| Carleton Place | H5D1 | 0.50 | 2 | 0.50 | 1 |
| Kemptville | H9D1 | 5.43 | 44 | 5.43 | 47 |
| Perth | H2D1 | 15.92 | 76 | 16.11 | 82 |
| Smiths Falls | H3D1 | 55.55 | 364 | 70.14 | 407 |
| MADAWASKA DISTRICT | | | | | |
| Arnprior | QM10D1 | 4.97 | 53 | 5.72 | 59 |
| Renfrew | QM16D1 | 6.24 | 10 | 9.49 | 63 |
| OTTAWA DISTRICT | | | | | |
| Nepean | T1D1 | 183.84 | 1,127 | 185.79 | 1,197 |
| THUNDER BAY SYSTEM | | | | | |
| Fort William | P10D1 | 51.41 | 157 | 51.53 | 182 |
| Port Arthur | P2D1 | 29.55 | 132 | 29.82 | 133 |

*The figures shown in this column include guarantee contracts.

†The figures shown in this column do not include guarantee contracts.

## DETAILS OF CONSTRUCTION IN RURAL POWER DISTRICTS—Concluded

| Rural power district | Property number | At October 31, 1934 | | At October 31, 1935 | |
|---|---|---|---|---|---|
| | | Miles of primary line constructed | Number of consumers receiving service* | Miles of primary line constructed | Number of consumers receiving service† |
| **MANITOULIN RURAL POWER DISTRICT** | | | | | |
| Manitoulin | FM1D1 | 37.25 | 184 | 37.25 | 176 |
| **NORTHERN ONTARIO PROPERTIES** | | | | | |
| NIPISSING DISTRICT | | | | | |
| North Bay | Z4D1 | 11.37 | 340 | 14.87 | 411 |
| Powassan | Z8D1 | 3.25 | 12 | 3.25 | 15 |

*The figures shown in this column include guarantee contracts.
†The figures shown in this column do not include guarantee contracts.

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*The Statements "A", "B", "C", "D" and "E", appertaining to the local municipal electric utilities—and given in Section X of the Report—are detailed individually for Acton, but in the case of other municipalities are grouped under the sub-heading of "Municipal Accounts" with reference to Statements "A" and "B", and under the sub-heading "Statements" with reference to Statements "C", "D" and "E".

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# PROVINCIAL AUDITOR'S REPORT

for the Fiscal Period

November 1st 1934, to March 31st 1935

Prepared pursuant to the provisions of an Order-in-Council dated
the 28th day of October, 1909

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1936

TO THE HONOURABLE HERBERT ALEXANDER BRUCE, M.D.,
R.A.M.C., F.R.C.S. (Eng.).

*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of the Provincial Auditor pursuant to the provisions of R.S.O. 1927, chap. 25, sec. 13, subsec. 2, of the Audit Act.

Respectfully submitted,

MITCHELL F. HEPBURN,
*Treasurer of Ontario.*

Treasury Department, Ontario,
Toronto, January 16th, 1936.

PROVINCIAL AUDITOR'S OFFICE,
Toronto, January 16th, 1936.

HON. MITCHELL F. HEPBURN,
*Treasurer of Ontario.*

SIR: I have the honour to submit for the information of the Legislative Assembly, pursuant to the provisions of an Order-in-Council dated 28th October, 1909, as provided by R.S.O. 1927, chap. 25, subsection 2 of section 31, and pursuant to the provisions of subsection 2 of section 13, and sections 27 and 28 of the Audit Act:

(A) Introduction and Miscellaneous Statements.
(B) Statement of Treasury Board Minutes.
(C) Statement of Special Warrants.

Respectfully submitted,

G. A. BROWN,
*Provincial Auditor.*

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# A

# INTRODUCTION AND MISCELLANEOUS STATEMENTS

# Report of the Provincial Auditor

## INTRODUCTION

I have the honour to submit my report for the five months fiscal period November 1st, 1934, to March 31st, 1935, pursuant to the provisions of subsection 2 of section 13 and section 27 and 28 of the Audit Act, R.S.O. 1927, chap. 25.

## FISCAL YEAR

Under the provisions of 25 Geo. V, chap. 22, section 3, the period constituting the Fiscal Year will be from the 1st day of April in one year to the 31st day of March in the next year.

The change in the Fiscal Year, which formerly was from November 1st in one year to October 31st in the next year, was made during the 1935 session of the Legislature. (See 25 Geo. V, chap. 22).

| | |
|---|---|
| Ordinary Expenditure | $31,489,616.34 |
| Ordinary Revenue | 21,048,944.06 |
| Excess of Ordinary Expenditure over Ordinary Revenue | $10,440,672.28 |

### STATEMENT SHOWING SOURCES OF ORDINARY REVENUE
### For the Five Months Ended March 31st, 1935

| | | |
|---|---|---|
| DOMINION GOVERNMENT— | | |
| Annual Subsidy | $1,470,712 14 | |
| Interest—Common School Fund | 36,402 43 | |
| | | $1,507,114 57 |
| REVENUE DERIVED FROM INDIVIDUALS AND CORPORATIONS RECEIVING THE BENEFIT OF PROVINCIAL SERVICES, SPECIAL PRIVILEGES OR THE USE OF NATURAL RESOURCES AND PROPERTIES AND PROFITS FROM TRADING, ETC.: | | |
| Taxation<br>Gasoline, Mines, Lands, Corporations, Race Tracks (betting), Amusements, Stock Transfers, Succession Duties and Wine. | $9,127,208 87 | |
| Royalties, Duties and Dues<br>Bonus and Timber, Sand and Gravel, Game and Fish. | 406,652 37 | |
| Licenses and Permits<br>Motor Vehicles, Liquor Permits, Hunting and Fishing, Insurance, Loan and Trust Companies, Mines, Theatres, etc. | 6,611,261 69 | |
| Fees<br>Local Registrars, Police Magistrates, Crown Attorneys, etc.: Mine Recording, Companies and Brokers' Registration, etc.: Land Transfers, Motor Vehicle Transfers, etc. | 806,697 09 | |
| Fines and Penalties | 26,012 80 | |
| Profits from Trading Activities<br>Liquor Control Board—Profits, Fines, Sale of Confiscated Liquor, etc. | 2,290,000 00 | |
| Interest on Drainage and Sundry Loans | 82,756 41 | |
| Agriculture and Public Domain | 140,086 57 | |
| Miscellaneous<br>ONTARIO GAZETTE, sale of Government Publications, and Casual Revenue. | 51,153 69 | |
| | | 19,541,829 49 |
| | | $21,048,944 06 |

## PROVINCIAL DEBT

### Statement Showing Investment Thereof as at March 31st, 1935

| | | | |
|---|---|---|---|
| FUNDED DEBT: | | | |
| Stock and Debentures Outstanding | | | $593,262,344 52 |
| Certificates and Annuities | | | 825,843 29 |
| | | | $594,088,187 81 |
| Deduct—Sinking Fund Investments | | | 6,896,845 35 |
| Total Funded Debt | | | $587,191,342 46 |
| UNFUNDED DEBT: | | | |
| Treasury Bills | | $ 49,900,000 00 | |
| Savings Office Deposits | | 22,326,489 50 | |
| Special Funds, Accounts Payable and Accrued Interest | | 13,084,490 14 | |
| Bank Overdrafts | | 1,883,594 88 | |
| | | | 87,194,574 52 |
| Gross Debt | | | $674,385,916 98 |
| INVESTMENT THEREOF: | | | |
| Revenue Producing and Realizable Assets— | | | |
| Hydro-Electric Power Commission—Advances | | $187,877,835 30 | |
| Temiskaming and Northern Ontario Railway—Advances | | 37,207,934 92 | |
| Farm, Housing and Settlers' Loans | | 63,328,651 45 | |
| Accounts Receivable | $ 4,048,228 18 | | |
| King's Highways—Construction Cities and Counties | 3,508,760 48 | | |
| | | 7,556,988 66 | |
| | | | $295,971,410 33 |
| Revenue Producing but not Realizable Assets— | | | |
| Roads and Highways | $211,119,284 15 | | |
| Less—Due by Cities and Counties | 3,508,760 48 | | |
| | | $207,610,523 67 | |
| Niagara Parks | | 1,279,579 79 | |
| Common School Fund—Trust Fund: Ontario and Quebec | | 1,459,359 83 | |
| | | | 210,349,463 29 |
| Total Revenue Producing Assets | | | $506,320,873 62 |
| Non-Revenue Producing Assets— | | | |
| Provincial Buildings and Public Works | | $ 85,833,681 10 | |
| Plant, Stores and Equipment | | 2,269,888 10 | |
| Deferred Assets | | 1,393,602 11 | |
| | | | 89,497,171 31 |
| Other Assets— | | | |
| Capital Value of Annual Subsidy | | $ 58,828,485 60 | |
| Unemployment Relief—Direct (less amount written off) | | 14,045,036 40 | |
| Discount on Debentures, etc. (less amount written off) | | 9,019,666 17 | |
| | | | 81,893,188 17 |
| Total Assets | | | $677,711,233 10 |
| Excess of Assets over Liabilities | | | $ 3,325,316 12 |

## HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### Advances by the Province to March 31st, 1935

| | |
|---|---|
| Advanced on Capital Account to October 31st, 1934 | $207,250,258 34 |
| Advances for Five months to March 31st, 1935 | 296,100 00 |
| Deduct: | $207,546,358 34 |
| Refund of Capital Advances not required | 247,507 98 |
| Total Advances to date | $207,298,850 36 |
| Repayments from Sinking Fund in accordance with Debt Retirement Plan | 19,421,015 06 |
| Net Advances to March 31st, 1935 | $187,877,835 30 |

Note—Province of Ontario Bonds of the Par Value of $2,401,000, have been deposited with the Treasurer of Ontario by the Hydro-Electric Power Commission as collateral security for the repayment of Advances.

## AGRICULTURAL DEVELOPMENT FINANCE ACT

### R.S.O. 1927, Cap. 67

### Statement Showing Deposits in Province of Ontario Savings Offices, and Agricultural Loans as at March 31st, 1935

| | | |
|---|---|---|
| DEPOSITS IN SAVINGS OFFICES BY PUBLIC AT MARCH 31ST, 1935 | | $ 22,326,489 50 |
| AGRICULTURAL DEVELOPMENT FINANCE ACT—INVESTMENTS— | | |
| Agricultural Development Board—Debentures | $ 62,288,000 00 | |
| Less: Repayments to date | 12,688,000 00 | |
| | $ 49,600,000 00 | |
| Accrued Interest on debentures | 5,608,560 36 | |
| | | $ 55,208,560 36 |
| Farm Loans Act—Farm Loan Associations | | 182,709 23 |
| Farm Loans Act—Capital Stock in Associations | | 2,445 00 |
| | | $ 55,393,714 59 |
| Savings Offices— | | |
| Cash on hand and in banks | $ 699,064 01 | |
| Accounts receivable | 4,455 86 | |
| Fixtures (depreciated value) | 62,415 89 | |
| | | 765,935 76 |
| | | $ 56,159,650 35 |

## SUMMARY

| | |
|---|---|
| Debentures, Cash, Etc. | $ 50,551,089 99 |
| Accrued Interest on Debentures | 5,608,560 36 |
| | $ 56,159,650 35 |

## PUBLIC SERVICE SUPERANNUATION FUND

### R.S.O. 1927, Cap. 16, Part III

### As at March 31st, 1935

| | | | | |
|---|---|---|---|---|
| Balance at credit of Fund—November 1st. 1934 | | | | $5,051,171 94 |
| Receipts and Payments for five months ended March 31st, 1935. | | | | |
| CONTRIBUTIONS— | | | | |
| Employees | | | $ 158,336 05 | |
| Government (Sec. 39) | | $134.265 73 | | |
| (Sec. 60) | | 9,164 16 | | |
| | | 143.429 89 | | |
| Less Refunds (Sec. 36) | | 142.826 66 | | |
| | | | 603 23 | |
| | | | $ 158,939 28 | |
| DEDUCT— | | | | |
| Boards, Commissions, etc., | | | | |
| Refunds (Sec. 36) | | $ 78.716 20 | | |
| Less—Contributions (Sec. 39) | | 24.070 32 | | |
| | | | 54,645 88 | |
| | | | $ 104,293 40 | |
| EARNINGS— | | | | |
| Interest—On balance at credit of Fund at November 1st, 1934: | | | | |
| $4.500,000 00 for 5 months at 4¾% | | $ 89,062 50 | | |
| 551,171 94 for 5 months at 5 % | | 11,482 75 | | |
| | | $100.545 25 | | |
| On contributions. | | | | |
| Employees | $ 1,206 45 | | | |
| Government | 1,206 45 | | | |
| | | 2,412 90 | | |
| | | $102,958 15 | | |
| Less—Interest deducted on account of payments to beneficiaries, etc. | | 4,073 39 | | |
| | | | 98.884 76 | |
| | | | | 203,178 16 |
| | | | | $5,254.350 10 |
| PAYMENTS— | | | | |
| Allowances to beneficiaries, etc. | | | $254,559 77 | |
| Refunds and interest | | | 250.107 23 | |
| | | | | 504,667 00 |
| Balance at Credit of Fund, March 31st, 1935 | | | | $4.749.683 10 |

## INVESTMENT OF FUND

| | |
|---|---|
| Province of Ontario Debentures—4¾% due October 31st, 1953 | $4,500,000 00 |
| Funds uninvested—on deposit with the Treasurer of Ontario | 249,683 10 |
| | $4.749.683 10 |

## STATEMENT SHOWING AMOUNT EXPENDED ON ROAD CONSTRUCTION IN ONTARIO FROM COMMENCEMENT OF GOOD ROADS SYSTEM, 1903; COLONIZATION ROADS, 1903; NORTHERN DEVELOPMENT ACT, 1912, AND PROVINCIAL HIGHWAYS ACT, 1917

| Year | The Highway Improvement Act, Chap. 54, R.S.O. 1927 | | | | | | | Colonization Roads | Roads in Northern Ontario | Year |
|---|---|---|---|---|---|---|---|---|---|---|
| | Provincial | County | Township | Object Lesson | Conn. Links | T. & H. Highy | Indian Res. | | | |
| 1903-19 | 1,506,000 00 | 3,887,080 66 | ..................... | 125,760 41 | ................. | ................. | ................. | 5,578,865 11 | 5,760,181 71 | 1903-19 |
| 1920 | 1,450,000 00 | 2,623,719 34 | ..................... | 33,730 27 | $2,900 00 | ................. | ................. | 451,808 59 | 1,241,405 90 | 1920 |
| 1921 | 9,925,022 95 | 3,635,267 34 | $326,668 81 | 5,000 00 | 16,622 10 | ................. | ................. | 506,180 80 | 1,409,126 19 | 1921 |
| 1922 | 12,050,000 00 | 5,110,217 49 | 701,349 61 | ................. | 167,615 08 | $17,272 62 | ................. | 671,184 48 | 1,694,889 56 | 1922 |
| 1923 | 16.897,172 79 | 4,257,871 34 | 669,483 05 | ................. | 169,631 26 | 11,349 44 | ................. | 827,855 98 | 2,688,151 48 | 1923 |
| 1924 | 6.600,000 00 | 3,418,059 04 | 613,860 54 | ................. | 40,523 00 | 22,472 92 | ................. | 447,444 66 | 2,919,239 56 | 1924 |
| 1925 | 8,350,000 00 | 3,213,783 60 | 638,808 11 | ................. | 53,575 42 | 123,670 07 | ................. | 474,409 34 | 3,381,301 86 | 1925 |
| 1926 | 6,750,000 00 | 3,222,099 91 | 988,118 04 | ................. | 75,224 28 | ................. | $6,870 69 | 296,317 27 | 3,736,612 01 | 1926 |
| 1927 | 9.150,000 00 | 2,878,724 84 | 1,319,173 80 | ................. | 32,782 10 | ................. | 1,714 73 | 498,188 75 | 3,943,361 77 | 1927 |
| 1928 | 11.650,000 00 | 3,740,443 99 | 1,602,547 95 | ................. | 1,022 20 | ................. | 13,459 92 | 359,383 68 | 3,830,647 42 | 1928 |
| 1929 | 12.450,000 00 | 4,359,577 69 | 1,794,950 66 | ................. | 166,925 22 | ................. | 24,203 11 | 405,564 91 | 4,943,462 70 | 1929 |
| 1930 | 13,875,000 00 | 4,590.367 00 | 2.131,211 67 | ................. | 85,419 31 | ................. | 25,520 34 | 600,626 77 | 7,200,962 50 | 1930 |
| 1931 | 12,670,000 00 | 4,417,696 10 | 2,309,576 36 | ................. | 40,854 13 | ................. | 29,603 14 | 497,265 93 | 8,776,122 79 | 1931 |
| 1932 | 7,750,000 00 | 3,670,334 72 | 1,877,405 55 | ................. | 46,578 14 | ................. | 13,245 01 | 443,623 76 | 15,187,839 16 | 1932 |
| 1933 | 5,200,000 00 | 2,105,893 72 | 1,377,640 28 | ................. | 14,443 28 | ................. | 14,334 75 | 304,684 54 | 5,875,537 01 | 1933 |
| 1934 | 12,697,555 97 | 1,463,519 72 | 1,000,058 41 | ................. | 35,235 57 | ................. | 14,856 13 | 223,611 80 | 23,637,867 89 | 1934 |
| 1935 | 2,374.878 42 | 1,266,757 97 | 608,564 43 | ................. | 21,219 50 | ................. | 13,520 46 | 152,033 86 | 10,091,247 64 | 1935 |
| | $154.345.630 13 | $57,861,414 47 | $17,959,417 27 | $164,490 68 | $970,570 59 | $174,765 05 | $157,328 28 | $12,739,050 23 | $106,347,957 15 | |

### SUMMARY OF EXPENDITURE

| | Capital | Ordinary |
|---|---|---|
| The Highway Improvement Act: | | |
| Provincial Highways | $128,797,394 65 | $25,548,235 48 |
| County Roads | 40,030,935 53 | 17,830,478 94 |
| Township Roads | 7.598,216 10 | 10,361,201 17 |
| Object Lesson Roads | 164,490 68 | .............. |
| Connecting Links | 942,887 14 | 27,683 45 |
| Toronto and Hamilton Highway Commission | 94,168 46 | 80,596 59 |
| Indian Reserve Roads | 78,978 33 | 78,349 95 |
| | $177,707,070 89 | $53,926,545 58 |
| Colonization Roads | 7,668,995 99 | 5,070,054 24 |
| Roads in Northern Ontario | 84.187,228 01 | 22,160,729 14 |
| | $269.563.294 89 | $81.157,328 96 |

### SUMMARY OF REPAYMENTS

| Year | Repayments | Subsidy | Total |
|---|---|---|---|
| 1918 | $5,251 57 | .............. | $5.251 57 |
| 1919 | 14,733 64 | .............. | 14,733 64 |
| 1920 | 78.261 82 | .............. | 78,261 82 |
| 1921 | 654,277 00 | $1,315,633 67 | 1,969,910 67 |
| 1922 | 1,561,149 44 | 2,058,613 62 | 3,619,763 06 |
| 1923 | 988,454 00 | 705,048 24 | 1,693,502 24 |
| 1924 | 2,834,155 43 | 839,303 48 | 3,673,458 91 |
| 1925 | 5,067,807 75 | 865,414 90 | 5,933,222 65 |
| 1926 | 1.977,814 99 | 50,000 00 | 2,027,814 99 |
| 1927 | 1,572,671 18 | 53,269 37 | 1,625,940 55 |
| 1928 | 1,950,806 64 | .............. | 1,950,806 64 |
| 1929 | 2,172.153 18 | .............. | 2,172,153 18 |
| 1930 | 3,547,715 81 | .............. | 3,547,715 81 |
| 1931 | 4,308.316 80 | .............. | 4,308,316 80 |
| 1932 | 8.366,401 33 | .............. | 8,366,401 33 |
| 1933 | 2.755,754 87 | .............. | 2,755,754 87 |
| 1934 | 3,493,850 90 | .............. | 3,493,850 90 |
| 1935 | 660,818 26 | .............. | 660,818 26 |
| | $42.010,394 61 | $ 5,887,283 28 | $47,897,677 89 |

### RECAPITULATION

| | Capital | Ordinary | Total |
|---|---|---|---|
| Expenditure | $269,563,294 89 | $81,157,328 96 | $350,720,623 85 |
| Repayments | 36,943,049 34 | 10,951.628 55 | 47,897,677 89 |
| Total Net Expenditure | $232,620.245 55 | $70.202.700 41 | $302,822,945 96 |

G. A. BROWN.
Provincial Auditor.

### Statement showing the remuneration paid to Officials in the Parliament Buildings who received pay from more than one source during the five months period November 1st, 1934, to March 31st, 1935

| Name | Page Pub. Acc. | Amount | Total |
|---|---|---|---|
| | | $ c. | $ c. |
| LEGISLATION: | | | |
| T. Cordeli | B 4 | 611 50 | |
| " | B 4 | 50 00 | 661 50 |
| M. R. Dies | B 4 | 692 73 | |
| " | B 4 | 200 00 | 892 73 |
| W. G. W. Harvey | B 5 | 692 73 | |
| " | B 4 | 400 00 | 1,092 73 |
| F. Hilliard | B 5 | 570 83 | |
| " | B 4 | 50 00 | 620 83 |
| M. R. Rice | B 5 | 611 50 | |
| " | B 4 | 50 00 | 661 50 |
| PRIME MINISTER'S DEPARTMENT: | | | |
| W. Campbell | C 4 | 692 73 | |
| " | B 4 | 50 00 | 742 73 |
| H. Petley | C 5 | 733 35 | |
| " | B 4 | 200 00 | 933 35 |
| ATTORNEY GENERAL'S DEPARTMENT: | | | |
| I. A. Humphries | D 8 | 2,614 60 | |
| " | D 29 | 333 37 | 2,947 97 |
| EDUCATION DEPARTMENT: | | | |
| J. P. Cowles | F 20 | 1,858 77 | |
| " | F 20 | 500 00 | 2,358 77 |
| A. J. Beneteau | F 16 | 2,018 78 | |
| " | F 20 | 20 00 | 2,038 78 |
| N. Davies | F 31 | 1,538 73 | |
| " | F 20 | 16 00 | 1,554 73 |
| A. M. Hamill | F 31 | 1,458 75 | |
| " | F 20 | 60 00 | 1,518 75 |
| A. G. Hooper | F 30 | 1,858 77 | |
| " | F 20 | 500 00 | 2,358 77 |
| A. J. Husband | F 30 | 1,858 77 | |
| " | F 20 | 500 00 | 2,358 77 |
| W. A. Jennings | F 30 | 1,858 77 | |
| " | F 20 | 60 00 | 1,918 77 |
| H. W. Kerfoot | F 20 | 1,778 73 | |
| " | F 20 | 60 00 | 1,838 73 |
| A. Moon | F 31 | 1,538 73 | |
| " | F 20 | 90 00 | 1,628 73 |
| D. Walker | F 21 | 1,204 15 | |
| " | F 20 | 500 00 | 1,704 15 |
| G. Walton | F 11 | 814 58 | |
| " | F 11 | 29 92 | 844 50 |

**Statement showing the remuneration paid to Officials in the Parliament Buildings who received pay from more than one source during the five months period November 1st, 1934, to March 31st, 1935—Continued**

| Name | Page Pub. Acc. | Amount | Total |
|---|---|---|---|
| PUBLIC WORKS DEPARTMENT: | | $ c. | $ c. |
| S. Lowe | K 13 | 489 60 | |
| " | B 4 | 50 00 | 539 60 |
| E. M. Sexsmith | K 13 | 652 12 | |
| " | B 4 | 50 00 | 702 12 |
| HIGHWAYS DEPARTMENT: | | | |
| R. M. Smith | L 4 | 2,614 60 | |
| " | L 6 | 300 00 | 2,914 60 |
| HEALTH DEPARTMENT: | | | |
| J. E. Bates | M 17 | 1,458 75 | |
| " | M 18 | 28 56 | 1,487 31 |
| B. Baycroft | M 18 | 459 10 | |
| " | M 18 | 13 65 | 472 75 |
| M. H. Brockway | M 18 | 306 25 | |
| " | M 18 | 11 76 | 318 01 |
| L. Brydson | M 18 | 428 65 | |
| " | M 18 | 79 46 | 508 11 |
| J. R. Buchanan | M 18 | 489 60 | |
| " | M 18 | 77 02 | 566 62 |
| V. Crossley | M 17 | 733 35 | |
| " | M 18 | 15 60 | 748 95 |
| W. Fenton | M 17 | 652 12 | |
| " | M 18 | 61 18 | 713 30 |
| E. Haynes | M 18 | 306 25 | |
| " | M 18 | 70 31 | 376 56 |
| R. I. Hughes | M 18 | 336 90 | |
| " | M 18 | 13 96 | 350 86 |
| E. Jewell | M 18 | 611 50 | |
| " | M 18 | 67 27 | 678 77 |
| A. L. MacNabb | M 17 | 1,698 75 | |
| " | M 18 | 19 20 | 1,717 95 |
| G. Matthews | M 17 | 733 35 | |
| " | M 18 | 13 65 | 747 00 |
| A. D. McClure | M 17 | 855 00 | |
| " | M 18 | 21 82 | 876 82 |
| W. B. McClure | M 17 | 1,097 50 | |
| " | M 18 | 23 28 | 1,120 78 |
| W. A. Murphy | M 18 | 306 25 | |
| " | M 18 | 64 18 | 370 43 |
| R. E. Packham | M 17 | 652 12 | |
| " | M 18 | 68 01 | 720 13 |

**Statement showing the remuneration paid to Officials in the Parliament Buildings who received pay from more than one source during the five months period November 1st, 1934, to March 31st, 1935—Continued**

| Name | Page Pub. Acc. | Amount | Total |
|---|---|---|---|
| C. R. Smith | M 17 | 733 35 | |
| " | M 18 | 72 88 | |
| | | | 806 23 |
| T. M. Sullivan | M 18 | 428 65 | |
| " | M 18 | 16 84 | |
| | | | 445 49 |
| F. E. Tuft | M 18 | 336 90 | |
| " | M 18 | 21 80 | |
| | | | 358 70 |
| W. M. Wilson | M 17 | 875 25 | |
| " | M 18 | 22 08 | |
| | | | 897 33 |
| MUNICIPAL AFFAIRS: | | | |
| H. L. Cummings | P 3 | 1,858 75 | |
| " | P 3 | 397 52 | |
| | | | 2,256 27 |
| PROVINCIAL SECRETARY: | | | |
| A. E. Venables | S 6 | 652 12 | |
| " | M 14 | 56 98 | |
| | | | 709 10 |

# B

# TREASURY BOARD MINUTES

## B

## TREASURY BOARD MINUTES

### STATEMENT OF TREASURY BOARD MINUTES ISSUED FOR EXPENDITURES IN EXCESS OF APPROPRIATIONS DURING THE FIVE MONTHS PERIOD NOVEMBER 1st, 1934, TO MARCH 31st, 1935

| | Warrant | Expended |
|---|---|---|
| **Attorney General's Department** | | |
| Main Office—Commissions and Sundry Investigations | $1,200 00 | $1,172 87 |
| **Education Department** | | |
| Training Schools Branch, salaries | 3,000 00 | 450 00 |
| **Public Works Department** | | |
| Government Buildings, Construction<br>Ontario Hospitals and Reformatories—<br>Additions, alterations and equipment | 100,000 00 | 58,091 62 |
| **Public Welfare Department** | | |
| Old Age Pensions Commission—<br>Pensions | 500,000 00 | |
| **Department of Agriculture** | | |
| Crops, Co-operation and Markets Branch—<br>Loans in accordance with Co-operative Marketing Loan Act | 15,000 00 | |
| Total Treasury Board Minutes | $619,200 00 | $59,714 49 |

## C

## SPECIAL WARRANTS

## C

## SPECIAL WARRANTS

### STATEMENT OF EXPENDITURES DURING THE FIVE MONTHS PERIOD NOVEMBER 1st, 1934, TO MARCH 31st, 1935

| Date of Warrant | SERVICE | Warrants | Expended 1934-35 | Unexpended |
|---|---|---|---|---|
| | **Public Works Department** | | | |
| | Ontario Hospital, Hamilton, Nurses' Residence, including furniture and furnishings, etc.— Balance unexpended, 1933-34 | $76,605 34 | 1,704 24 | 74,901 10 |
| | Ontario Hospital, London, new patients' building to accommodate 200 patients, including furniture and furnishings, etc.— Balance unexpended, 1933-34 | 178,659 57 | 15,558 56 | 163,101 01 |
| | Ontario Hospital, Mimico, extension to Nurses' Residence, furniture and furnishings, etc.— Balance unexpended, 1933-34 | 45,917 44 | 2,057 00 | 43,860 44 |
| | Ontario Hospital, Woodstock, Nurses' Residence, including furniture and furnishings, etc.— Balance unexpended, 1933-34 | 137,230 77 | 4,940 99 | 132,289 78 |
| | New Labour Bureau Office Building, construction, including equipment, etc.— Balance unexpended, 1933-34 | 18,059 85 | 8,328 02 | 9,731 83 |
| | Eastern Ontario Hospital for Mental Defectives, construction of works and buildings, furniture and furnishings, etc.— Balance unexpended, 1933-34 | 152,516 28 | 5,070 57 | 147,445 71 |
| | **Agriculture Department** | | | |
| December 28th, 1934 | Crown Savings and Loan Company of Petrolia | 15,000 00 | 15,000 00 | |
| | Total Special Warrants | $623,989 25 | $52,659 38 | $571,329 87 |

# REPORT FOR 1935

OF

# The Workmen's Compensation Board

## ONTARIO

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 28, 1936

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

To The Honourable Herbert Alexander Bruce,

*A Colonel in the Royal Army Medical Corps, etc.,*

*Lieutenant-Governor of the Province of Ontario.*

May It Please Your Honour:

The undersigned begs respectfully to present to Your Honour the Annual Report of The Workmen's Compensation Board for the year 1935.

Respectfully submitted,

A. W. Roebuck,
*Attorney General.*

Toronto, April 7th, 1936.

# THE WORKMEN'S COMPENSATION BOARD

**GEO. WILKIE, K.C.,** Chairman
**E. HUTCHINSON,** Vice-Chairman
**D. J. GALBRAITH, M.B.,** Commissioner
**N. B. WORMITH,** Secretary

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## REPORT FOR 1935

## OF

# THE WORKMEN'S COMPENSATION BOARD

## ONTARIO

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To His Honour the Lieutenant-Governor:

The Workmen's Compensation Board begs to submit its Report for the year 1935.

## GENERAL REVIEW

The Board's offices have been removed from the Metropolitan Building to the 4th floor of the Canada Life Building at 330 University Avenue, Toronto. In the Metropolitan Building the Board occupied two floors and part of three others. The new offices occupy a single floor and that floor provides accommodation for all the activities of the Board, including the Clinic. The new offices are more commodious and convenient than those formerly occupied by the Board, and the change has been affected with a substantial reduction in the annual rental, amounting to about $7,000 per year.

### Accidents

The number of accidents reported during the year was 58,546, as compared with 54,730 during 1934.

The total benefits awarded during the year amounted to $5,314,112.87, as compared with $4,499,707.23 during 1934. A substantial portion of these increased benefits is due to the more liberal construction which has been placed upon the provisions of the Act respecting industrial diseases. This construction brought into the operations of the year claims which had been rejected under the former interpretation of the Act.

The time loss per accident has been steadily increasing and has increased for the year 1935. This is probably in part due to the unemployment situation and accounts to some extent for the increased cost of compensation. The attention of employers to safety, first aid, and to the convalescence of their injured workmen would result in advantage to all concerned.

### Administration Expenses

The administration expenses for the year showed an increase, due to the cost of an actuarial audit of the Board's affairs and to the increased cost of pay roll audits which had fallen into arrears. Nearly one-half of the audits in arrears have been caught up and the remaining half will be disposed of during the year 1936. As these audits involved travelling expenses of auditors engaged outside the city, the expense has been considerable, but while this appears as a charge against the year's operations the work resulted in not only an adjustment of the accounts with the employers but an addition to the Board's revenue of $78,223.40. As the cost of making the audits amounted to $66,773.97 the net result shows a gain of $11,449.43.

A partial survey was made of the employers in the building industry, with the result that from an expenditure of $3,000 the Board recovered from employers, many of whom were not reporting to the Board, the sum of $51,000 in Class 24, and thereby secured to the workmen of these employers the protection of The Workmen's Compensation Act.

A further addition to the year's administration expenses was the cost of moving and the additional equipment which was purchased and paid for during the year.

The Board is also making an investigation of permanent disability and long-standing claims, which has added substantially to the year's expenses but has resulted in a saving to the accident fund.

### Silicosis and Pneumoconiosis

These industrial diseases place a substantial burden on the accident fund and recently there has been considerable alarm in certain quarters as to the extent of this burden. The year's experience indicates that while the burden is substantial in some industries, yet with the assistance of the employers and of the Division of Industrial Hygiene of the Department of Health and the improvement in the conditions of employment the losses can be so reduced as not to place a serious burden upon industry, but while there is no cause for alarm, it is apparent that the conditions require the careful attention by all parties concerned to the prevalence of these diseases.

### Funds

During the year, and for some years past, there has been a loss of revenue due to the default of certain municipalities in the payment of interest on their debentures, and in addition there is the prospect that there may be some loss on the principal itself of some debentures held by the Board. Partly as a result of this lost interest there has been for several years a deficit on the operations of the Board. That deficit has now been ended and the year's operations of the Board show a slight credit balance, notwithstanding the fact that due to the reduced interest rates obtainable on funds invested to provide for the payment of pensions recent pensions have been dealt with on an earning basis of 3½ per cent. interest instead of the former rate of five per cent.

### Contents of Report

The Report gives a summary of the operations of the Board for the year 1935 as assembled from the Board's records, and the appendix gives a summary of the operations from the commencement of the Act until the end of 1935.

Dated at Toronto this 6th day of April, 1936.

# CHAPTER I

## SCHEDULE I INDUSTRIES FOR 1935

As some of the industries covered by the Act are under the collective liability system (the employer not being individually liable for accidents to his workmen but being assessed to provide a general fund out of which accidents occurring in his class of industry throughout the Province are taken care of) and others are under the individual liability system (the employer being liable to pay for accidents happening to his own workmen), separate financial statements have to be made for each. The industries under the collective liability system are included in Schedule 1, and those under individual liability in Schedule 2, the former comprising much the greater number.

This chapter deals with Schedule 1 industries for 1935, Schedule 2 industries are dealt with in Chapter II, while Chapter III deals with the work handled in both schedules and the administration of the Act generally during the year, Chapter IV with the different funds in both schedules and their standing at the end of 1935, and Chapter V gives financial and statistical information for 1934 which was not available when the report for that year was made.

### Provisional Financial Statement

The provisional financial statement for the industries in Schedule 1 for 1935 is contained in Table 1. To show the standing for the year, estimates have to be made of adjustments of assessments according to actual pay rolls and on the retroactive rates (the assessments for the year being first levied on an estimate of pay roll and at a provisional rate), and estimates also have to be made of compensation and medical aid still to be awarded for accidents happening during the year which have not yet been finally disposed of by reason of the injured workman being still under medical treatment or reports not being received. These estimates contain also all liabilities for claims of previous years yet outstanding and provision for claims of prior years which may subsequently be adjusted. Final figures for the year 1935 will be shown in the next subsequent report in the same manner as the final figures for 1934 are shown in Table 15 of this report.

The difference is to be noted between the amount of compensation and medical aid awarded for the year's accidents and the amount awarded during the year. The latter is partly for the prior year's accidents, while upon the other hand it does not cover all the liability for the current year's accidents. The more correct system of charging each year as far as possible with its own accidents, and for that purpose keeping the year's accounts open till the end of the subsequent year, has been adopted, rather than the looser method of taking the amount awarded during the year as the cost of the year's accidents and leaving always an outstanding liability unprovided for. For the purpose of information and comparison, however, the amounts awarded during the year are shown in Chapter III.

### Accounts for Each Class

The industries in Schedule 1 are divided into classes, and as each class (subject to any transfer that may be made to it from the Disaster Reserve in any case of undue burden) bears its own accident cost — the employers in the class being in effect a mutual insurance association — separate accounts have to be kept for the different classes. Each class is credited with its own assessments, its share of interest and other income, and with any transfer made to it from Disaster Reserve, or credit from any other source, and is charged with the cost of its own accidents, its share of administration expenses, the cost of its safety association if it has one, and with its share of any amount set aside for Disaster Reserve.

The figures for each class, and the provisional surplus or deficit for the year, and the balance forward from prior years, and the provisional surplus or deficit for all years, are shown in Table 1. The final figures for each class and also the figures for the different groups within the classes (as in Table 15) will be shown in the next report. The assessments are fixed according to the accident cost and other expenses and charges in each class and group and having regard to the other income and credits.

The classes are numbered and the nature of the industries in each is shown at the bottom of Table 1 and full enumeration of the industries will be found in Schedule 1 of the Act and in the Board's rate book, the latter also showing the grouping within the Class.

### Assessments and Other Credits

The total assessments in all classes of Schedule 1 for the year 1935, including estimated adjustments, amounted to $5,020,493.14. In assessments are included collections for default in making returns or payments and interest for under and over estimate of pay roll. The other income and credits for the year consisted of reimbursement for veteran cases, received from the Department of Pensions and National Health; reimbursement for accidents to blind workmen under 21 Geo. V, Cap. 38 (Ontario); cost of accidents collected under Section 105 for failure to furnish pay roll prior to accident; recovery from third parties under Section 8; collections under Section 112(3) from employers for failure to furnish particulars of accidents; and refunds of accident costs. Other income and credits amounted to $26,979.45. The total income and credits for the year are, therefore, $5,047,472.59.

### Compensation and Other Charges

The compensation for Schedule 1 industries for the year, including estimate for what is still to be awarded for accidents happening during the year and for adjustment of prior years' accidents, amounted to $4,298,979.53; the medical aid, including estimate for what is outstanding, amounted to $1,172,287.91; the administration expenses for Schedule 1, including $14,664.65 for mine rescue work, amounted to $311,518.14; and $136,143.75 was paid to employers' safety associations. The total expenditures and charges for the year were $5,918,929.33.

The provisional surplus for the year was $320,561.33. The balance forward from prior years was a surplus of $1,621,160.03, which, added to the surplus for the year less the carry-over for prior years' claims which amounted to $1,192,018.07, makes a net provisional surplus of $749,703.29 at December 31, 1935.

### Number of Employers

Total number of employers listed in Schedule 1 at the end of 1935 was 20,752, as compared with 19,942 at the end of 1934. The number in each class and group of industry is shown in Table 2.

### Wage Expenditure

The estimated total wage expenditure in Schedule 1 industries for the year 1935, calculated on provisional figures, is $373,112,000, as compared with $335,257,000 in 1934. The amounts for the different classes of industry are shown in Table 3.

The Board has no similar data for Schedule 2 and Crown industries as in these the employers pay for accidents to their own workmen and are not required to make pay roll returns or pay assessments upon them as in Schedule 1. The pay roll would probably be about one-third that of Schedule 1.

### Average Rates of Assessment

Assessments in Schedule 1 are in the form of a percentage of pay roll, and the average rate or percentage over all the classes actually paid by the employers can be ascertained by relating the total assessments to the total wage expenditure. This, on the provisional figures, gives an average rate of assessment for 1935 of $1.35 on every $100 of pay roll. The average over all years since the commencement of the Act was $1.17.

| Class | INCOME AN | |
|---|---|---|
| | Collected on Provisional Assessments | |
| | $ | c. |
| 1 | 306,114 | 23 |
| 2 | 190,798 | 16 |
| 3 | 50,754 | 48 |
| 4 | 103,459 | 52 |
| 5 | 845,087 | 16 |
| 6 | 99,376 | 67 |
| 7 | 56,465 | 26 |
| 8 | 120,661 | 32 |
| 9 | 109,827 | 35 |
| 10 | 244,907 | 15 |
| 11 | 184,232 | 59 |
| 12 | 166,138 | 45 |
| 13 | 61,375 | 24 |
| 14 | 56,549 | 16 |
| 15 | 274,097 | 12 |
| 16 | 93,758 | 62 |
| 17 | 79,784 | 00 |
| 18 | 86,350 | 46 |
| 19 | 67,750 | 83 |
| 20 | 233,043 | 69 |
| 21 | 229,837 | 47 |
| 22 | 62,701 | 87 |
| 23 | 96,170 | 24 |
| 24 | 449,189 | 77 |
| ALL | 4,268,430 | 81 |

*Adjusted (

†Includes:
from I
sation

**Includes M

1. Lumbering
2. Pulp and
3. Furniture
4. Planing m
5. Mining an
6. Brick mfg

## TABLE 1

## PROVISIONAL FINANCIAL STATEMENT FOR SCHEDULE 1, BY CLASSES, AS AT DECEMBER 31, 1935

| Class | INCOME AND CREDITS (Actual and Estimated) | | | | EXPENDITURE AND CHARGES (Actual and Estimated) | | | | | | | | | SURPLUS OR DEFICIT FOR YEAR (Provisional) | Estimated to Complete Prior Years' Accidents | Balance Forward Prior Years | SURPLUS OR DEFICIT ALL YEARS (Provisional) | Class |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Collected on Provisional Assessments | Estimated Adjustments of Assessments | Sections 8, 105, 112(3), Etc. | TOTAL FOR YEAR | Compensation Paid, other than Pensions | Transferred for Pensions Awarded | Compensation Awarded, Payment Deferred | Compensation Estimated Outstanding for 1935 Accidents | Medical Aid Paid | Medical Aid Estimated Outstanding for 1935 Accidents | Administration Expenses and Mine Rescue Work | Paid to Safety Associations | TOTAL FOR YEAR | | | | | |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 306,114 23 | 117,400 00 | 3,710.19 | 427,224 42 | 148,637 08 | 25,779 56 | 669 86 | 184,156 16 | 81,202 96 | 33,688 96 | 28,339 16 | 17,955 00 | 520,428 74 | —93,204 32 | 82,203 47 | —241,874 33 | —417,282 12 | 1 |
| 2 | 190,798 16 | 22,975 00 | 176 10 | 213,949 26 | 57,006 95 | 37,726 00 | 150 00 | 44,962 97 | 29,877 82 | 11,180 17 | 12,545 83 | 12,000 00 | 205,449 74 | 8,499 52 | 11,440 28 | 129,158 61 | 126,217 85 | 2 |
| 3 | 50,754 48 | 9,150 00 | 4 50 | 59,908 98 | 13,007 26 | 2,558 00 | 400 00 | 13,401 92 | 7,502 50 | 1,512 06 | 3,110 37 | 2,232 63 | 43,724 74 | 16,184 24 | 973 87 | —20,648 83 | —5,438 46 | 3 |
| 4 | 103,459 52 | 9,950 00 | 511 16 | 113,920 68 | 29,311 02 | 33,220 00 | 100 00 | 45,779 11 | 15,644 40 | 13,825 84 | 8,489 06 | 6,093 50 | 152,462 93 | —38,542 25 | 24,476 68 | —28,552 53 | —91,571 46 | 4 |
| 5 | 845,087 16 | 146,107 33 | 792 59 | 991,987 08 | 177,298 97 | 128,677 97 | 545 00 | 314,952 51 | 79,060 91 | 64,829 67 | **71,739 48 | 11,200 00 | 848,304 51 | 143,682 57 | 257,530 48 | 736,656 19 | 622,808 28 | 5 |
| 6 | 99,376 67 | 18,650 00 | 85 75 | 118,112 42 | 20,959 05 | 9,441 00 | | 40,248 46 | 10,503 35 | 5,529 00 | 6,991 90 | 5,018 82 | 98,691 58 | 19,420 84 | 71,253 81 | 117,647 51 | 65,814 54 | 6 |
| 7 | 56,465 26 | 18,350 00 | | 74,815 26 | 15,390 25 | 37,897 50 | | 24,220 46 | 9,300 79 | 9,932 38 | 5,079 98 | 3,646 44 | 105,467 80 | —30,652 54 | 3,895 49 | 123,445 41 | 88,897 38 | 7 |
| 8 | 120,661 32 | 25,200 00 | 180 30 | 146,041 62 | 19,732 06 | 5,691 00 | | 49,935 38 | 12,815 06 | 1,781 10 | 8,021 49 | 5,757 86 | 103,733 95 | 42,307 67 | 46,680 99 | 36,465 71 | 32,092 39 | 8 |
| 9 | 109,827 35 | 25,830 00 | 221 02 | 135,878 37 | 23,292 43 | 21,793 00 | 125 00 | 38,842 41 | 17,580 16 | 2,225 44 | 7,544 80 | 5,415 70 | 116,818 94 | 19,059 43 | 32,339 36 | 189,795 71 | 176,515 78 | 9 |
| 10 | 244,907 15 | 33,040 00 | 704 34 | 278,651 49 | 73,374 19 | 42,180 01 | 1,535 00 | 73,328 82 | 47,159 31 | 11,878 46 | 16,656 60 | 11,955 74 | 278,068 13 | 583 36 | 43,881 43 | 116,262 53 | 72,964 46 | 10 |
| 11 | 184,232 59 | 43,100 00 | 764 87 | 228,097 46 | 65,245 07 | 25,762 70 | 350 00 | 78,460 89 | 47,531 79 | 18,805 85 | 13,523 23 | 9,706 58 | 259,386 11 | —31,288 65 | 34,880 89 | 6,315 97 | —59,853 57 | 11 |
| 12 | 166,138 45 | 3,000 00 | 2,384 65 | 171,523 10 | 31,529 02 | 28,470 00 | 400 00 | 38,033 02 | 23,893 23 | 4,288 31 | 10,580 59 | 7,594 83 | 144,789 00 | 26,734 10 | 55,141 97 | 69,879 66 | 41,471 79 | 12 |
| 13 | 61,375 24 | 2,250 00 | 351 03 | 63,976 27 | 10,777 39 | 6,332 00 | | 20,198 04 | 6,306 53 | 2,955 46 | 4,084 63 | | 50,654 05 | 13,322 22 | 1,736 74 | 7,887 68 | 19,473 16 | 13 |
| 14 | 56,549 16 | 5,250 00 | 46 23 | 61,845 39 | 13,263 19 | 6,854 00 | 775 00 | 11,150 87 | 11,457 94 | 1,669 38 | 3,933 21 | 2,823 27 | 51,926 86 | 9,918 53 | 16,555 84 | —15,979 16 | —22,616 47 | 14 |
| 15 | 274,097 12 | 8,250 00 | 2,102 91 | 284,450 03 | 80,544 42 | 16,945 50 | 400 00 | 108,506 11 | 49,886 13 | 3,829 24 | 18,221 38 | 13,078 78 | 291,411 56 | —6,961 53 | 80,601 06 | —70,054 59 | —157,617 18 | 15 |
| 16 | 93,758 62 | 10,900 00 | 812 78 | 105,471 40 | 19,166 80 | 14,717 00 | 1,120 00 | 29,711 37 | 13,810 54 | 6,964 75 | 5,982 03 | 4,293 94 | 95,766 43 | 9,704 97 | 14,004 30 | 70,407 54 | 66,108 21 | 16 |
| 17 | 79,784 00 | 1,000 00 | 125 17 | 80,909 17 | 23,239 76 | 13,954 00 | 815 00 | 38,602 72 | 14,310 93 | 4,317 83 | 4,747 53 | 3,407 79 | 103,395 56 | —22,486 39 | 14,023 77 | 60,706 92 | 24,196 76 | 17 |
| 18 | 86,350 46 | 5,500 00 | 7,434 05 | 99,284 51 | 19,066 19 | | | 11,295 94 | 13,930 34 | 1,047 18 | 5,674 12 | 4,072 91 | 55,086 68 | 44,197 83 | 13,487 64 | 16,086 01 | 46,796 20 | 18 |
| 19 | 67,750 83 | 1,510 00 | 122 58 | 69,383 41 | 20,840 85 | 9,370 77 | 400 00 | 20,723 10 | 11,550 90 | 3,239 95 | 4,800 07 | 3,445 51 | 74,371 15 | —4,987 74 | 129 85 | —1,359 39 | —6,476 98 | 19 |
| 20 | 233,043 69 | 58,000 00 | 1,850 69 | 292,894 38 | 63,983 87 | 38,047 85 | 300 00 | 95,622 44 | 38,331 10 | 9,378 56 | 17,681 97 | | 263,345 79 | 29,548 59 | 47,628 89 | 44,133 83 | 26,053 53 | 20 |
| 21 | 229,837 47 | 36,500 00 | 1,268 51 | 267,605 98 | 78,667 35 | 33,415 00 | | 86,911 27 | 38,898 66 | 9,833 19 | 17,437 23 | | 265,162 70 | 2,443 28 | 54,012 31 | 95,396 87 | 43,827 84 | 21 |
| 22 | 62,701 87 | 6,150 00 | 52 67 | 68,904 54 | 6,139 28 | 20,052 00 | | 15,744 25 | 2,822 00 | 6,621 36 | 3,560 57 | 5,488 75 | 60,428 21 | 8,476 33 | 27,859 27 | 56,378 73 | 36,995 79 | 22 |
| 23 | 96,170 24 | 32,500 00 | 421 64 | 129,091 88 | 19,165 21 | | | 44,253 00 | 10,027 49 | 8,051 50 | 5,013 41 | 955 70 | 87,466 31 | 41,625 57 | 32,137 82 | 255,338 83 | 264,826 58 | 23 |
| 24 | 449,189 77 | 111,500 00 | 2,855 72 | 563,545 49 | 92,360 65 | 61,869 00 | | 189,609 44 | 48,654 08 | 30,317 12 | 27,759 50 | | 450,569 79 | 112,975 70 | 225,141 86 | —132,334 85 | —244,501 01 | 24 |
| ALL | 4,268,430 81 | *752,062 33 | †26,979 45 | 5,047,472 59 | 1,121,998 31 | 620,753 86 | 8,084 86 | 1,618,650 66 | 642,058 92 | 267,702 76 | 311,518 14 | 136,143 75 | 4,726,911 26 | 320,561 33 | 1,192,018 07 | 1,621,160 03 | 749,703 29 | ALL |

*Adjusted on actual pay rolls and retroactive rates.

†Includes: Sec. 8, $8,427.61; Sec. 105, $3,449.70; Sec. 112(3), $156.65; Reimbursement from D.P. & N.H., $7,541.18; from Accident Cost Refunds, $7,059.09; for Compensation and Medical Aid for Blind Workmen under 21 Geo. V, cap 38, $345.22.

**Includes Mine Rescue Work, $14,664.65.

### Class Numbers of Industries

1. Lumbering.
2. Pulp and paper mills.
3. Furniture mfg., etc.
4. Planing mills, etc.
5. Mining and explosives.
6. Brick mfg., quarrying, and glass works.
7. Rolling mills, etc.
8. Foundries, etc.
9. Fabrication structural steel, etc.
10. Metal articles, jewellery mfg., etc.
11. Agricultural implements, etc.
12. Gas, petroleum, paint, drugs, soap, etc.
13. Milling.
14. Abattoirs, etc.
15. Bakeries, canning, liquors, and tobacco.
16. Tanneries, leather and rubber goods.
17. Textiles.
18. Clothing, power laundries, etc.
19. Printing and stationery.
20. Teaming, cartage, coal and wood yards, etc.
21. Road construction, etc.
22. Electric power, etc.
23. Steel construction, railway and canal construction, dredging, fishing, etc.
24. Building.

## TABLE 2

## NUMBER OF FIRMS IN SCHEDULE 1, BY CLASSES AND GROUPS, DECEMBER 31, 1935

| Class | Group 0 | Group 1 | Group 2 | Group 3 | Group 4 | Group 5 | Group 6 | Group 7 | Group 8 | Group 9 | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 49 | 60 | 771 | | | | | | | | 880 |
| 2 | 33 | 45 | 29 | | | | | | | | 107 |
| 3 | 114 | 33 | 15 | 114 | | | | | | | 276 |
| 4 | 345 | 51 | 75 | 27 | 118 | | | | | | 616 |
| 5 | 34 | 301 | 2 | 124 | | 11 | 15 | 12 | | | 499 |
| 6 | 62 | 111 | 8 | 145 | 48 | 106 | 114 | | | | 594 |
| 7 | 3 | 10 | | | | | | | | | 13 |
| 8 | 86 | 8 | 42 | 32 | | | | | | | 168 |
| 9 | 15 | 11 | 1 | 13 | 160 | 16 | | | | | 216 |
| 10 | 338 | 306 | 33 | 67 | 56 | 27 | 173 | 119 | | | 1,119 |
| 11 | 34 | 733 | 42 | 2 | | | | | | | 811 |
| 12 | 66 | 259 | 124 | 19 | 249 | | | | | | 717 |
| 13 | 534 | 116 | | | | | | | | | 650 |
| 14 | 141 | | | | | | | | | | 141 |
| 15 | 368 | 271 | 73 | 210 | 70 | 259 | 37 | | | | 1,288 |
| 16 | 58 | 101 | 74 | 21 | 38 | | | | | | 292 |
| 17 | 136 | 143 | 42 | | | | | | | | 321 |
| 18 | 603 | 174 | | | | | | | | | 777 |
| 19 | 298 | 562 | 53 | 63 | | | | | | | 976 |
| 20 | 1,587 | 1,055 | | | | | | | | | 2,642 |
| 21 | 389 | 200 | | | | | | | | | 589 |
| 22 | 458 | | | | | | | | | | 458 |
| 23 | 68 | 47 | 322 | | | | | | | | 437 |
| 24 | 646 | 302 | 765 | 386 | 1,036 | 825 | 332 | 135 | 1,436 | 302 | 6,165 |
| All | | | | | | | | | | | 20,752 |

## TABLE 3

## ESTIMATE OF WAGE EXPENDITURE, SCHEDULE 1 BY CLASSES, FOR 1935

| Class | Wage Expenditure |
|---|---|
| 1 | $7,000,000 |
| 2 | 13,620,000 |
| 3 | 6,143,000 |
| 4 | 6,201,000 |
| 5 | 36,832,000 |
| 6 | 5,776,000 |
| 7 | 8,933,000 |
| 8 | 7,886,000 |
| 9 | 12,592,000 |
| 10 | 35,238,000 |
| 11 | 32,935,000 |
| 12 | 22,561,000 |
| 13 | 4,738,000 |
| 14 | 6,410,000 |
| 15 | 36,285,000 |
| 16 | 19,118,000 |
| 17 | 23,662,000 |
| 18 | 23,632,000 |
| 19 | 24,039,000 |
| 20 | 10,530,000 |
| 21 | 8,050,000 |
| 22 | 5,121,000 |
| 23 | 2,779,000 |
| 24 | 13,031,000 |
| TOTAL | $373,112,000 |

# CHAPTER II

## SCHEDULE 2 INDUSTRIES DURING 1935

Table 4 is a statement of the compensation awarded and the moneys handled during 1935 in Schedule 2 industries (in which the employer is individually liable for accidents to his workmen). Dominion Crown Cases under the Act by Dominion legislation, and Provincial Crown Cases referred to the Board for adjustment, are included.

The total amount of compensation awarded in Schedule 2 industries and Crown Cases during 1935 was $1,050,531.47. Of this amount, $213,343.54 was for workmen of municipal corporations; $179,325.23 for steam railroads; $14,553.56 for electric railways; $56,324.29 for navigation companies; $1,934.20 for express and sleeping car companies: $4,003.92 for telephone and telegraph companies, and $604.73 for all other industries in Schedule 2; $279,022.44 for Dominion Crown Cases and $301,419.56 for Provincial Crown Cases. Of the total amount awarded, $582,659.90 was for pensions in pension cases, and $467,871.57 was for cases not pension cases and for compensation not pensions in pension cases.

In pension cases, except in the case of municipal or government bodies or departments thereof, not so desiring, deposits must be made by employers in Schedule 2 industries. Particulars of these are given under "Deposits under Section 28". Under "Claimants' Moneys" are included moneys held by the Board under awards in which in the interest of the claimant, or for some other reason, payment of the amounts held is deferred to a later date, as in the case of minors. "Deposits under Section 32" are amounts deposited with the Board to enable the Board to make prompt payments without waiting for receipt of cheque from employer.

Employers in Schedule 2 are assessed their share of the expense of administration as set out in Table 8. For 1935 that share amounted to $22,800.86, as compared with $23,074.66 in 1934, and $25,784.96 in 1933. Proportionate to the amount of compensation awarded, administration expenses in Schedule 2 and Crown Cases were 8.07 per cent. in 1935, as compared with 8.88 per cent. in 1934, and 8.71 per cent. in 1933.

Further information as to Schedule 2 funds and particulars of Schedule 2 investments are given in Chapter IV, and in Tables 9 and 14, and in the Appendix.

### TABLE 4

### STATEMENT FOR SCHEDULE 2 DURING 1935

### SCHEDULE 2 AWARDS

| | Awards not Pensions | Pensions | TOTALS |
|---|---|---|---|
| Municipal Corporations, etc | $94,135 99 | $119,207 55 | $213,343 54 |
| Steam Railroads | 55,859 72 | 123,465 51 | 179,325 23 |
| Electric Railways | 3,078 56 | 11,475 00 | 14,553 56 |
| Navigation Companies | 25,474 29 | 30,850 00 | 56,324 29 |
| Express and Sleeping Car Companies | 1,934 20 | | 1,934 20 |
| Telephone and Telegraph Companies | 2,275 08 | 1,728 84 | 4,003 92 |
| All Others | 604 73 | | 604 73 |
| Dominion Crown Cases | 134,851 44 | 144,171 00 | 279,022 44 |
| Provincial Crown Cases | 149,657 56 | 151,762 00 | 301,419 56 |
| TOTALS | $467,871 57 | $582,659 90 | $1,050,531 47 |

## SCHEDULE 2 FUNDS

### Deposits under Section 28

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1935 | $3,355,070 79 | |
| Deposits received from employers | 163,767 01 | |
| Interest received | 177,974 56 | |
| Paid to pensioners | | $333,131 10 |
| Deposits returned to employers | | 82 87 |
| Cash in bank and invested, Dec. 31, 1935 | | 3,363,598 39 |
| | $3,696,812 36 | $3,696,812 36 |

### Claimants' Moneys

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1935 | $21,866 72 | |
| Interest received | 1,050 45 | |
| Paid to claimants | | $3,566 84 |
| Cash in bank and invested, Dec. 31, 1935 | | 19,350 33 |
| | $22,917 17 | $22,917 17 |

### Deposits under Section 32

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1935 | $41,388 93 | |
| Deposits received from employers | 995,325 16 | |
| Payments made — Compensation and Medical Aid | | $974,082 07 |
| Deposits returned to employers | | 4,087 63 |
| Cash in bank, Dec. 31, 1935 | | 58,544 39 |
| | $1,036,714 09 | $1,036,714 09 |

## TOTALS OF FUNDS

| | | |
|---|---|---|
| Cash in bank and invested, Jan. 1, 1935 | $3,418,326 44 | |
| Deposits received from employers | 1,159,092 17 | |
| Interest received | 179,025 01 | |
| Payments made | | $1,310,780 01 |
| Deposits returned to employers | | 4,170 50 |
| Cash in bank and invested, Dec. 31, 1935 | | 3,441,493 11 |
| | $4,756,443 62 | $4,756,443 62 |

# CHAPTER III

## WORK HANDLED DURING 1935

This chapter deals with the work handled during 1935 and with the administration of the Act generally during the year. Particulars are given in Tables 5 to 8.

The figures are for what has been dealt with during 1935 without regard to the year in which the accidents dealt with occurred, while as explained in Chapter I the figures in Chapter I and Chapter V are for the accidents happening during the year.

### Benefits Awarded During the Year

The total amount of compensation awarded during 1935 was $4,276,430.01, of which $3,225,898.54 was in Schedule 1 industries, $470,089.47 in Schedule 2 industries, and $580,442.00 in Crown cases. There was also paid for medical aid in Schedule 1 during the year $1,037,682.86, making the total benefits awarded during the year $5,314,112.87. In Schedule 2 and Crown cases medical aid is provided directly by the employer and no figures are available.

The benefits awarded each year, and the total since the commencement of the Act, are as follows:

| | Schedule 1 | | Schedule 2 and Crown | Total |
|---|---|---|---|---|
| Year | Compensation | Medical Aid | Compensation | Benefits |
| 1935 | $3,225,898 54 | $1,037,682 86 | $1,050,531 47 | $5,314,112 87 |
| 1934 | 2,745,239 16 | 841,738 41 | 912,729 66 | 4,499,707 23 |
| 1933 | 2,298,787 97 | 667,581 69 | 732,699 29 | 3,699,068 95 |
| 1932 | 3,202,639 27 | 817,240 38 | 1,105,740 91 | 5,125,620 56 |
| 1931 | 3,917,045 43 | 1,060,763 01 | 1,043,583 66 | 6,021,392 10 |
| 1930 | 4,942,756 25 | 1,336,046 05 | 1,144,216 52 | 7,423,018 82 |
| 1929 | 5,346,621 19 | 1,385,524 62 | 1,280,011 97 | 8,012,157 78 |
| 1928 | 4,565,688 56 | 1,166,507 54 | 1,335,750 83 | 7,067,946 93 |
| 1927 | 3,930,417 59 | 1,062,859 64 | 1,091,377 64 | 6,084,654 87 |
| 1926 | 3,664,039 94 | 988,486 70 | 1,168,825 26 | 5,821,351 90 |
| 1925 | 3,635,530 27 | 875,836 01 | 1,054,077 11 | 5,565,443 39 |
| 1924 | 4,052,287 77 | 835,956 60 | 1,234,575 97 | 6,122,820 34 |
| 1923 | 4,036,170 26 | 788,905 90 | 1,348,785 58 | 6,173,861 74 |
| 1922 | 3,417,101 61 | 692,819 94 | 1,582,975 06 | 5,692,896 61 |
| 1921 | 3,858,017 50 | 662,793 89 | 1,668,452 10 | 6,189,263 49 |
| 1920 | 5,113,149 77 | 703,705 66 | 1,963,389 82 | 7,780,245 25 |
| 1919 | 2,808,638 65 | 386,298 51 | 997,922 77 | 4,192,859 93 |
| 1918 | 2,751,137 45 | 369,346 37 | 763,511 02 | 3,883,994 84 |
| 1917 | 2,286,954 99 | *83,514 07 | 623,556 37 | 2,994,025 43 |
| 1916 | 1,553,653 38 | † | 451,709 93 | 2,005,363 31 |
| 1915 | 692,389 09 | † | 200,932 03 | 893,321 12 |
| Totals | $72,044,164 64 | $15,763,607 85 | $22,755,354 97 | $110,563,127 46 |

*Half year only. †No provision for medical aid.

The increase in benefits from the early years is largely by reason of increase in wages, compensation being for the most part a percentage of wages, and additional industries have been covered, and some material changes were made in compensation. The large total for 1920 is by reason of the retroactive increase in widows' and children's pensions, and the small amount awarded during 1915 is by reason of many 1915 accidents not being, nor capable of being, finally disposed of till the following year. The amount of benefits awarded for each year's accidents, as distinguished from the amount awarded during the year, is shown in Chapter V.

### Accidents Reported During the Year

During 1935, 58,546 accidents were reported. These included some not serious enough to involve payment of either compensation or medical aid and for which no claim was made, and others for which claims were made but which were not allowed by the Board.

At the close of the year there were 1,120 claims in assembly, as compared with 1,374 at the end of 1934, notice of the accident having been given but reports necessary to deal with the case not yet having been received.

The number of accidents reported each year, and the total number since the commencement of the Act, are as follows:

| Year | Schedule 1 | Schedule 2 | Crown | Totals |
|---|---|---|---|---|
| 1935 | 50,690 | 2,208 | 5,648 | 58,546 |
| 1934 | 44,858 | 2,244 | 7.628 | 54,730 |
| 1933 | 33,227 | 1,890 | 2,925 | 38,042 |
| 1932 | 35.264 | 2,474 | 3,732 | 41,470 |
| 1931 | 46,069 | 3,348 | 3.477 | 52,894 |
| 1930 | 61,490 | 4,486 | 3,291 | 69,267 |
| 1929 | 76,029 | 6,008 | 5,066 | 87,103 |
| 1928 | 69,011 | 5,815 | 4,572 | 79,398 |
| 1927 | 62,063 | 5,412 | 4.504 | 71,979 |
| 1926 | 57,032 | 4,942 | 3,942 | 65,916 |
| 1925 | 50,883 | 5,079 | 4,050 | 60,012 |
| 1924 | 49,558 | 4,916 | 4,201 | 58,675 |
| 1923 | 51,655 | 6,080 | 3,374 | 61,109 |
| 1922 | 42,139 | 7,124 | 1,148 | 50,411 |
| 1921 | 36.272 | 7,666 | 1,253 | 45,191 |
| 1920 | 46,177 | 7,222 | 1,452 | 54,851 |
| 1919 | 36.236 | 7.918 | 106 | 44,260 |
| 1918 | 40,662 | 7,113 | 73 | 47,848 |
| 1917 | 30.701 | 5,813 | 18 | 36,532 |
| 1916 | 21,269 | 4,806 | 17 | 26,092 |
| 1915 | 13,878 | 3,144 | 11 | 17,033 |
| All Years | 955,163 | 105,708 | 60,488 | 1,121,359 |

### Accidents Paid For During the Year

Table 5 shows the number of accidents in which compensation or medical aid was paid during the year. The total number was 54,298, as compared with 49,302 during 1934. The 54,298 comprised 231 deaths, 14 permanent total disability cases, 1,291 permanent partial disability cases, 25,856 temporary disability cases, and 26,906 medical aid only cases. Except for Department of Northern Development (Ontario) cases, Schedule 2 and Crown cases, involving medical aid only, which are a large proportion of the accidents reported, are not included as accidents paid for, as the medical aid is furnished directly by the employer.

The number of accidents in which compensation or medical aid was awarded each year since the commencement of the Act is as follows:

| Year | Schedule 1 | Schedule 2 | Crown | Totals |
|---|---|---|---|---|
| 1935 | 46,960 | 1,707 | 5,631 | 54,298 |
| 1934 | 41,244 | 1,800 | 6.258 | 49,302 |
| 1933 | 29,766 | 1,487 | 2,453 | 33,706 |
| 1932 | 38,469 | 1,914 | 3,521 | 43,904 |
| 1931 | 43,611 | 2,561 | 2,710 | 48,882 |
| 1930 | 56,715 | 2,723 | 2,357 | 61,795 |
| 1929 | 68,195 | 2,883 | 2,737 | 73,815 |
| 1928 | 61,384 | 2,723 | 2,425 | 66,532 |
| 1927 | 55,894 | 2,741 | 2,443 | 61,078 |
| 1926 | 52,199 | 2,489 | 2,182 | 56,870 |
| 1925 | 47,782 | 2,734 | 2,217 | 52,733 |
| 1924 | 46,616 | 2,820 | 2,475 | 51,911 |
| 1923 | 47,873 | 3,849 | 1,916 | 53,638 |
| 1922 | 37,172 | 4,572 | 765 | 42,509 |
| 1921 | 34,271 | 5,161 | 834 | 40,266 |
| 1920 | 42,693 | 4,444 | 714 | 47,851 |
| 1919 | 34,400 | 4,517 | 153 | 39,070 |
| 1918 | 36,565 | 4,335 | 30 | 40,930 |
| *1917 | 25,277 | 3,406 | 19 | 28,702 |
| *1916 | 15,370 | 2,825 | 3 | 18,208 |
| *1915 | 8,328 | 1,494 | 7 | 9,829 |

*Cases involving medical aid only not covered till July 1, 1917.

### Awards Changed

In addition to claims compensated, as shown in Table 5, the Board in 1935 opened for further award 586 claims which had been settled previously.

### Cheques, Assessments, Mail and Callers

In all, 261,193 cheques were issued during 1935, an average of about 870 daily, and there were 25,041 assessments made, including refunds. About 5,200 pieces of mail were handled daily, and the average number of office callers was 47 a day.

### Receipts and Payments

The receipts and payments during the year are shown in Table 6, the statement for Schedule 2 including Crown cases. Explanation of the items and the funds referred to will be found in other parts of the report. A summary of receipts and payments since the commencement of the Act is given in the Appendix.

### Payments to Safety Associations

The safety or accident prevention associations are organizations of employers established under the authority of the Act by the employers in twenty-one out of the twenty-four classes of industry. They are under the management of the employers, but the expenses are paid by the Board out of the accident fund.

The total amounts so paid are set out in Table 7, which table also shows the amount paid out on account of mine rescue work in Class 5.

### Administration Expenses

The administration expenses of the Board, analyzed under the different headings, are shown in Table 8. The gross administration expenses during 1935 were $394,375.11, which included special statistical services for which refunds have been received of $9,481.75, making the total administration expenses $384,893.36, as compared with $322,458.99 during 1934. The employers pay the whole expense of the administration of the Act. The amount is divided according to the accidents handled among Schedule 1 (Accident and Silicosis Funds), Schedule 2, and Dominion and Provincial Crown.

The amount charged to the Silicosis Fund was $2,558.40; to Mine Rescue Work, $698.32; and to Schedule 1 employers, $296,853.49; to Schedule 2, $22,800.86; to Dominion Crown, $19,582.21; and to Provincial Crown, $42,400.08.

The cost of office furniture, fixtures, and equipment, including permanent equipment, has always been charged to administration expenses in the year in which payment therefor was made, and no entry for which has ever been made in the standing of the funds. The value of this furniture and equipment at the present time is estimated at about $25,000.

The total administration expenses for 1935 less expenses of supervising work in connection with silicosis and mine rescue stations (not properly administrative work) and handling claims for silicosis were 7.17 per cent. of benefits awarded, being 6.96 per cent. of benefits awarded in Schedule 1 and 8.07 per cent. in Schedule 2 and Crown cases.

## TABLE 5

## COMPENSATION, MEDICAL AID, AND ACCIDENTS PAID FOR, DURING 1935

### Compensation Awarded during 1935

| | |
|---|---|
| Schedule 1 | $3,225,898 54 |
| Schedule 2 | 470,089 47 |
| Crown Cases | 580,442 00 |
| Total | $4,276,430 01 |

### Medical Aid Paid During 1935

| | |
|---|---|
| Schedule 1 | $1,037,682 86 |
| Schedule 2 | furnished by employer |
| Crown Cases | furnished by employer |

### Accidents Paid For during 1935

| | Medical Aid only | Temp. Dis. | Perm. Partial Dis. | Perm. Total Dis. | Deaths | TOTALS |
|---|---|---|---|---|---|---|
| SCHEDULE 1— | | | | | | |
| Full Compensation | | 17,649 | 1,101 | 6 | 140 | 18,896 |
| Part Compensation | | 2,420 | | | 32 | 2,452 |
| Medical Aid only | 25,612 | | | | | 25,612 |
| Totals | 25,612 | 20,069 | 1,101 | 6 | 172 | 46,960 |
| SCHEDULE 2— | | | | | | |
| Full Compensation | | 1,407 | 57 | 2 | 21 | 1,487 |
| Part Compensation | | 210 | | | 3 | 213 |
| Medical Aid only | 7 | | | | | 7 |
| Totals | 7 | 1,617 | 57 | 2 | 24 | 1,707 |
| CROWN CASES— | | | | | | |
| Full Compensation | | 3,911 | 133 | 6 | 32 | 4,082 |
| Part Compensation | | 259 | | | 3 | 262 |
| Medical Aid only | 1,287 | | | | | 1,287 |
| Totals | 1,287 | 4,170 | 133 | 6 | 35 | 5,631 |
| GRAND TOTALS | 26,906 | 25,856 | 1,291 | 14 | 231 | 54,298 |

## TABLE 6

## STATEMENT OF RECEIPTS AND PAYMENTS DURING 1935

### Schedule 1

| RECEIPTS | | |
|---|---|---|
| Cash in Banks, Jan. 1, 1935: | | |
| Canadian Bank of Commerce | $2,870 74 | |
| Royal Bank of Canada | 1,746 14 | |
| | | $4,616 88 |
| Net Assessment, Penalties, etc.: | | |
| Gross Assessments | $5,594,748 12 | |
| Under Sec. 8 | 8,648 79 | |
| Under Sec. 105 | 3,449 70 | |
| Under Sec. 112 (3) | 156 65 | |
| From D. P. and N. H. | 7,541 18 | |
| From Accident Cost Refunds | 7,059 09 | |
| From C. N. I. B. | 345 22 | |
| | $5,621,948 75 | |
| *Less*: | | |
| Assessments and Penalties refunded | $28,705 04 | |
| Merit Rating Refunds | 32,868 27 | |
| | $61,573 31 | |
| | | 5,560,375 44 |
| Interest: | | |
| From Investments | $1,220,266 92 | |
| Exchange Premium | 495 28 | |
| From Bank and Short Date Deposits | 13,887 41 | |
| | $1,234,649 61 | |
| *Less*: | | |
| Apportionment of Premiums on Debenture Purchases applicable to 1935 | 57,451 11 | |
| | $1,177,198 50 | |
| *Plus*: | | |
| Apportionment of Discounts on Debenture Purchases applicable to 1935 (see *contra*) | 46,893 63 | |
| | | 1,224,092 13 |
| From Schedule 2 and Crown Employers for Administration Expenses, account of prior years paid out of Schedule 1 in 1934 | | 81,062 41 |
| Investments: | | |
| Principal returned | 2,004,279 86 | |
| Decrease in value of investments by amortization of premiums | 57,451 11 | |
| | | 2,061,730 97 |
| Silicosis | | 520,749 72 |
| Special Statistical Services | | 9,481 75 |
| Rehabilitation Clinic: | | |
| Refunds from Medical Aid | $8,265 01 | |
| Refunds from Schedule 2 employers | 563 88 | |
| | | 8,828 89 |
| | | $9,470,938 19 |

| PAYMENTS | | |
|---|---|---|
| Bank Overdraft, Jan. 1, 1935, Dominion Bank | | $193,002 89 |
| Compensation paid other than Pensions and Compensation Deferred | | 1,743,699 97 |
| Pensions | | 1,996,596 30 |
| Deferred Compensation | | 21,341 83 |
| Rehabilitation | | 4,100 54 |
| Medical Aid | | 1,020,653 11 |
| Silicosis | | 116,838 19 |
| Under Section 8 | | 221 18 |
| Mine Rescue Work | | 13,966 33 |
| Administration Expenses | | 394,375 11 |
| Safety Associations | | 136,143 75 |
| Rehabilitation Clinic Expenses | | 8,898 35 |
| Investments: | | |
| Principal invested | $3,638,307 46 | |
| Increase in value of investments by amortization of discounts (see *contra*) | 46,893 63 | |
| | | 3,685,201 09 |
| Cash in Banks, Dec. 31, 1935: | | |
| Canadian Bank of Commerce | $1,788 21 | |
| Royal Bank of Canada | 5,149 84 | |
| Dominion Bank | 128,961 50 | |
| | | 135,899 55 |
| | | $9,470,938 19 |

## Table 6—Continued

### Schedule 2

#### Receipts

| | | |
|---|---|---|
| Employers' Deposits under Section 28 | | $163,767 01 |
| Employers' Deposits under Section 32 | | 995,325 16 |
| Interest: | | |
| From Investments | $173,139 41 | |
| Exchange Prem. | 316 48 | |
| | $173,455 89 | |
| *Less:* | | |
| Amount charged on Bank Overdraft | 84 96 | |
| | $173,370 93 | |
| *Less:* | | |
| Apportionment of Premiums on Debenture Purchases applicable to 1935 | 2,634 94 | |
| | $170,735 99 | |
| *Plus:* | | |
| Apportionment of Discounts on Debenture Purchases applicable to 1935 (see *contra*) | 8,289 02 | |
| | | 179,025 01 |
| Investments: | | |
| Decrease in value of investments by amortization of premiums | | 2,634 94 |
| | | $1,340,752 12 |

#### Payments

| | | |
|---|---|---|
| Overdraft, Imperial Bank of Canada, Jan. 1, 1935 | | $4,560 19 |
| To Claimants out of Deposits under Section 28 | | 333,131 10 |
| Deposits returned to Employers under Section 28 | | 82 87 |
| To Claimants out of Claimants' Moneys | | 3,566 84 |
| Paid out of Deposits under Section 32: | | |
| Compensation | $825,430 60 | |
| Medical Aid | 148,651 47 | |
| | | 974,082 07 |
| Deposits returned to Employers under Section 32 | | 4,087 63 |
| Investments: | | |
| Increase in Value of Inments by Amortization of Discounts (see *contra*) | | 8,289 02 |
| Cash in Imperial Bank of Canada, Dec. 31, 1935 | | 12,952 40 |
| | | $1,340,752 12 |

### TABLE 7

## PAYMENTS TO SAFETY OR ACCIDENT PREVENTION ASSOCIATIONS, 1935

| Association | Class | Total Payments | |
|---|---|---|---|
| Lumbermen's Safety Association | 1 | $17,955 00 | |
| Ontario Pulp and Paper Makers' Safety Association | 2 | 12,000 00 | |
| Class 5 Accident Prevention Association | 5 | 11,200 00 | |
| Industrial Accident Prevention Associations | 3, 4, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 23, 24 | 89,500 00 | |
| Electrical Employers' Association of Ontario | 22 | 5,488 75 | |
| TOTAL | | | $136,143 75 |

## PAYMENTS FOR MINE RESCUE WORK (CLASS 5), 1935

| | | |
|---|---|---|
| Maintenance of Stations, Salaries and Supplies | $13,966 33 | |
| Administrative Supervision | 698 32 | |
| | | $14,664 65 |

## REHABILIATION CLINIC ACCOUNT, 1935

| | | |
|---|---|---|
| Credit from 1934 | $730 33 | |
| Receipts during year | 8,828 89 | |
| | $9,559 22 | |
| Payments during year | 8,898 35 | |
| Balance, December 31, 1935 | | $660 87 |

### TABLE 8

## ANALYSIS OF ADMINISTRATION EXPENSES DURING 1935

| | | |
|---|---|---|
| Salaries of Board and Staff | $266,889 18 | |
| Travelling Expenses of Board and Staff | 19,791 47 | |
| Printing, Stationery, and Office Supplies | 16,232 15 | |
| Postage | 26,051 76 | |
| Telephone, Telegraph, and Express | 2,084 88 | |
| Legal Expenses, Witness Fees, etc. | 1,333 30 | |
| Medical Examinations, X-ray Supplies, etc. | 852 26 | |
| Workmen's Travelling Expenses | 211 69 | |
| Insurance and Security Service | 5,059 24 | |
| Auditor's Services, under instructions of Attorney General | 2,750 00 | |
| Special Actuarial Audit | 8,001 40 | |
| Office Rent and Electric Current | 24,257 94 | |
| Permanent Equipment | 6,317 28 | |
| Steel Shelving, Moving Expenses, and Fitting Up New Offices | 10,577 82 | |
| Alterations and Repairs | 990 03 | |
| Miscellaneous Services | 2,029 06 | |
| Meals for Staff when Working Over-time (nights, Saturday afternoons) | 945 65 | |
| Gross Administration Expenses, 1935 | $394,375 11 | |
| Received for Special Statistical Services | 9,481 75 | |
| TOTAL ADMINISTRATION EXPENSES | | $384,893 36 |

| | | |
|---|---|---|
| Charged to Silicosis Account | $2,558 40 | |
| Charged to Mine Rescue Work | 698 32 | |
| Charged to Dominion of Canada | 19,582 21 | |
| Charged to Province of Ontario | 42,400 08 | |
| Charged to Schedule 2 Employers | 22,800 86 | |
| Charged to Schedule 1 Employers | 296,853 49 | |
| | | $384,893 36 |

# CHAPTER IV

## CONDITION OF FUNDS

A general statement of the condition of the funds in Schedule 1 and in Schedule 2 is contained in Table 9, and particulars of the various funds and of the Board's investments are given in Tables 10 to 14. A summary since the commencement of the Act will be found in the Appendix.

### Schedule 1 Funds

The Schedule 1 funds are known and referred to in the Act as the "Accident Fund". They comprise, in addition to current funds out of which temporary payments of compensation, medical aid, and administration expenses are paid, the Pension Fund, Disaster Reserve, and Compensation Deferred. The standing of the Accident Fund, showing assets and liabilities, at December 31, 1935, is shown in Table 9. The balance of assets in excess of liabilities at that date was $1,031,983.32, being $282,280.03 Disaster Reserve and $749,703.29 standing at the credit of the classes December 31, 1935. This is exclusive of office equipment and furniture mentioned in Chapter III. Besides this, there is $343,962.35 interest on investments due and unpaid.

### Pension Fund

The Pension Fund, representing the outstanding pension liability, comprises the largest part of the funds standing to the credit of Schedule 1. The purpose of the Pension Fund is to take care of future payments of pensions which have already been awarded. Actuarial tables, embodying the contingencies of death and remarriage, have been compiled to show for each age and kind of pension the average amount (sometimes referred to as capitalized value) necessary to complete pension payments. When a pension is awarded this average amount is transferred from current funds to the Pension Fund. All payments of pensions are made from the Pension Fund. Since the amount transferred in any one instance is the average amount required, no re-transfer is made should a residue be left at the expiry of the pension, nor is any additional transfer made should the amount be exhausted before expiry of the pension.

### Re-Transfer from Pension Fund

During the years 1923 and 1924 an actuarial survey of the Board's pension experience and revaluation of the pension liability was made, all existing pensions being revalued. As a result the Pension Fund was found to be a little in excess of what the experience indicated to be necessary. As at date of January 1, 1924, a re-transfer of $600,000 was accordingly made from the Pension Fund to current funds, being distributed among the different classes of industry in proportion to the amount of Pension Fund to the credit of each class.

As of date October 31, 1925, actuarial revaluation of all outstanding pension fund obligations was made, the Board's actuarial tables being used. To the liability for each class thus ascertained was added a surcharge of two per cent. to allow for possible divergence of actual from expected mortality. Deduction was made of the surcharge liability in total for all the classes from the balance in the Pension Fund and the difference was re-transferred to the current funds, proportional to each class according to the balance in the Pension Fund. The sum transferred amounted to $427,214.62.

### Particulars of Pension Fund

Table 10 gives particulars of the Pension Fund for each class. The balance in the fund at the commencement of 1935 was $20,007,875.02: $1,415,886.35 was transferred during the year for pension awards: $1,205,635.20 interest was added: and $1,996,596.30 was paid for pensions. The balance in the fund at the end of the year was $20,632,800.27.

The transfers for pension awards during the year included $90,547.62 transferred from Silicosis Account to provide for pensions in cases of silicosis in Class 5, and $14,799.78 from Disaster Reserve to meet the cost of pensions to workmen previously disabled.

### Disaster Reserve

The Disaster Reserve is a fund set aside under the provisions of Section 99 (2) of the Act to meet any unforeseen disaster or other circumstance which might unduly burden the employers in any class of industry. The fund has been accumulated by a transfer of one per cent. of the gross assessments up to the end of 1922, and for the year 1928. These are the only moneys set aside or held by the Board which do not directly cover liabilities actually incurred by reason of accidents which have already happened.

The standing of the Disaster Reserve is shown in Table 11. The balance at the end of 1935 was $282,280.03, $16,526.05 interest being added to the $280,803.76 in the fund at the beginning of the year, and $14,799.78 transferred to the Pension Fund, and $250 transferred to the Current Fund.

### Compensation Deferred

The funds included under "Compensation Deferred" comprise compensation moneys held at interest for claimants in Schedule 1, payment being deferred to a future time by reason of the claimant being a minor or for other reasons. The condition of the fund is shown in Table 12.

At the beginning of the year the amount on hand was $43,336.22; deferred awards during the year amounted to $13,986.20; and $1,930.88 interest was added during the year; the payments during the year amounted to $21,756.83, of which $20,500.68 was for principal and $1,256.15 for interest, leaving a balance of $37,496.47 at the end of the year.

### Silicosis Account

Table 13 gives particulars of the Silicosis Account which was established to take care of special assessments and payments in Class 5 necessitated by the addition of "Silicosis" contracted in mining operations to the list of industrial diseases under the Act, by amendment effective April 8, 1926.

The balance in the account at the beginning of 1935 was $1,111,340.73; $520,749.72 was collected by assessment; $139,188.10 was paid for compensation; $17,029.75 for medical aid; $46,753.36 for salaries and expenses in connection with examination of underground mine-workers; $4,414.60 for salaries and expenses of Referee Board; and $2,558.40 was transferred to the Accident Fund for expenses of supervision. The surplus in the account December 31, 1935, was $1,422,146.24.

### Investments

Particulars of the Board's investments are given in Table 14.

The total invested at the end of the year in Schedule 1 was $25,545,436.65, consisting of $23,607,222.69 value of investments at the beginning of the year, $3,685,201.09 invested during the year, $314,743.84 accrued interest (earned but not received), less $2,061,730.97 principal returned.

Particulars of each investment are shown in the list, including kind of investment, particular security, yield of interest (on book value), term, par value, book value, and accrued interest.

With the exception of short-date deposits of current funds intended for use before the current year's assessments are received, all investments consist of Province of Ontario bonds, municipal or municipally-guaranteed debentures, and Dominion of Canada guaranteed bonds.

The average rate of interest received on permanent investments in Schedule 1 during 1935 was approximately 4.75 per cent., as compared with 4.92 per cent. in 1934, and 4.89 per cent. received during 1933. A nominal two per cent. is received on current bank balances.

### Schedule 2 Funds

The funds handled by the Board in respect of Schedule 2 industries include employers' deposits for pensions required to be made with the Board under the provisions of Section 28 of the Act, temporary deposits or advances of money made by employers under Section 32 to facilitate prompt payment of claims, and claimants' moneys held by the Board in cases of awards, payment of which by reason of the claimant being a minor or for other reason is deferred to a future time.

The standing of Schedule 2 funds at December 31, 1935, is shown in the latter part of Table 9, and the particulars and a list of Schedule 2 investments are given in Table 14.

At the end of 1935 the deposits held under Section 28 amounted to $3,363,598.39; deposits under Section 32 to $58,544.39; and the amount of claimants' moneys held by the Board was $19,350.33, making a total of $3,441,493.11, of which $3,428,540.71 was held in permanent investments and $12,952.40 cash in bank.

The rate of interest on Schedule 2 Funds during 1935 was 5.45 per cent., as compared with 5.71 per cent. during 1934, and 5.75 per cent. during 1933.

## TABLE 9

## STANDING SCHEDULE 1 ACCIDENT FUND AS AT DECEMBER 31, 1935

**Assets**

| | | |
|---|---|---|
| Cash in Banks: | | |
| Canadian Bank of Commerce | $1,788 21 | |
| Royal Bank of Canada | 5,149 84 | |
| Dominion Bank | 128,961 50 | |
| | | $135,899 55 |
| Short Date Deposits | | 1,100,000 00 |
| Investments | | 24,130,692 81 |
| Due from Schedule 2 Employers for Administration Expenses paid out of Schedule 1 Funds | | 22,821 68 |
| Due from Dominion of Canada for Administration Expenses paid out of Schedule 1 Funds | | 19,582 21 |
| Due from Province of Ontario for Administration Expenses paid out of Schedule 1 Funds | | 42,400 08 |
| Assessments estimated to be due on adjustment of 1935 Pay Rolls (see Table 1) | | 752,062 33 |
| | | $26,203,458 66 |

**Liabilities**

| | | |
|---|---|---|
| Compensation Deferred, other than Pensions | | $37,496 47 |
| Pension Liability | | 20,632,800 27 |
| Balance of Silicosis Account at Credit of Employers | | 1,422,146 24 |
| Balance at Credit of Rehabilitation Clinic Account | | 660 87 |
| Compensation estimated outstanding | | 2,548,142 50 |
| Medical Aid estimated outstanding | | 530,228 99 |
| Assets in Excess of Liabilities: | | |
| Disaster Reserve | $282,280 03 | |
| Balance at Credit of Classes (see Table 1) | 749,703 29 | |
| | | 1,031,983 32 |
| | | $26,203,458 66 |

## STANDING SCHEDULE 2 FUNDS AS AT DECEMBER 31, 1935

| | |
|---|---|
| Cash in Imperial Bank of Canada | $12,952 40 |
| Investments | 3,428,540 71 |
| | $3,441,493 11 |

| | |
|---|---|
| Balance Employers' Deposits under Section 28 | $3,363,598 39 |
| Balance Employers' Deposits under Section 32 | 58,544 39 |
| Claimants' Moneys held by Board | 19,350 33 |
| | $3,441,493 11 |

## TABLE 10

## PENSION FUND, SCHEDULE 1 BY CLASSES, DECEMBER 31, 1935

| Class | Balance Forward from 1934 | Pension Awards during 1935 | Interest Received | Pension Payments | Balance as at Dec. 31, 1935 | Class |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 1,912,410 89 | 66,374 41 | 113,794 47 | 181,077 32 | 1,911,502 45 | 1 |
| 2 | 999,597 24 | 63,994 78 | 60,033 44 | 91,289 81 | 1,032,335 65 | 2 |
| 3 | 278,101 26 | 3,718 34 | 16,260 53 | 28,161 99 | 269,918 14 | 3 |
| 4 | 630,948 87 | 62,820 79 | 38,088 76 | 68,847 17 | 663,011 25 | 4 |
| 5 | 2,904,642 88 | †345,355 84 | 179,372 14 | 306,582 19 | 3,122,788 67 | 5 |
| 6 | 849,217 53 | 51,416 90 | 50,184 89 | 90,158 44 | 860,660 88 | 6 |
| 7 | 527,434 74 | 59,765 63 | 32,276 10 | 55,288 74 | 564,187 73 | 7 |
| 8 | 382,991 77 | 41,401 00 | 23,405 18 | 39,815 84 | 407,982 11 | 8 |
| 9 | 915,562 67 | 41,589 92 | 54,384 85 | 92,338 01 | 919,199 43 | 9 |
| 10 | 1,000,153 84 | *84,397 16 | 60,950 29 | 94,325 50 | 1,051,175 79 | 10 |
| 11 | 882,652 13 | 56,836 94 | 53,239 78 | 84,139 34 | 908,589 51 | 11 |
| 12 | 640,631 58 | 40,609 10 | 38,556 61 | 66,539 27 | 653,258 02 | 12 |
| 13 | 457,725 42 | 33,627 00 | 27,772 86 | 41,936 79 | 477,188 49 | 13 |
| 14 | 208,446 64 | *16,055 25 | 12,585 37 | 21,107 83 | 215,979 43 | 14 |
| 15 | 820,938 26 | 56,411 81 | 49,617 69 | 88,147 07 | 838,820 69 | 15 |
| 16 | 499,880 35 | 25,042 01 | 30,086 07 | 43,237 34 | 511,771 09 | 16 |
| 17 | 408,174 07 | 20,066 74 | 24,914 92 | 37,699 51 | 415,456 22 | 17 |
| 18 | 153,880 11 | 20,557 21 | 9,862 83 | 17,065 36 | 167,234 79 | 18 |
| 19 | 298,594 96 | 26,069 44 | 18,019 89 | 28,981 05 | 313,703 24 | 19 |
| 20 | 593,365 32 | 76,777 66 | 36,815 65 | 58,825 47 | 648,133 16 | 20 |
| 21 | 918,783 70 | 64,263 09 | 54,994 91 | 91,043 34 | 946,998 36 | 21 |
| 22 | 379,418 80 | 31,902 00 | 22,761 23 | 40,662 69 | 393,419 34 | 22 |
| 23 | 1,302,407 47 | —16,219 64 | 75,515 68 | 110,014 50 | 1,251,689 01 | 23 |
| 24 | 2,041,914 52 | *143,052 97 | 122,141 06 | 219,311 73 | 2,087,796 82 | 24 |
| | 20,007,875 02 | 1,415,886 35 | 1,205,635 20 | 1,996,596 30 | 20,632,800 27 | |

*Transferred from Disaster Reserve:

| | | |
|---|---|---|
| Class 10 | $7,946 96 | |
| Class 14 | $2,123 97 | |
| Class 24 | $4,728 85 | |
| †Transferred from Silicosis Account, Class 5 | | $90,547 62 |
| Transferred within the Fund: Class 10 to 16 | | $174 01 |
| Class 21 to 15 | | $328 08 |

## TABLE 11

## DISASTER RESERVE, DECEMBER 31, 1935

| | | |
|---|---|---|
| Balance in fund as at December 31, 1934 | | $280,803 76 |
| Interest credited in 1935 | | 16,526 05 |
| | | $297,329 81 |
| Withdrawn account Class 10 Pension Fund | $7,946 96 | |
| Withdrawn account Class 14 Pension Fund | 2,123 97 | |
| Withdrawn account Class 24 Pension Fund | 4,728 85 | |
| Withdrawn account Class 24 Current Fund | 250 00 | |
| | | 15,049 78 |
| Balance as at December 31, 1935 | | $282,280 03 |

### TABLE 12

## COMPENSATION DEFERRED, DECEMBER 31, 1935

| | | |
|---|---|---|
| Balance in fund, December 31, 1934 | | $43,336 22 |
| Compensation awarded, payment deferred, during 1935 | | 13,986 20 |
| Interest credited in 1935 | | 1,930 88 |
| | | $59,253 30 |
| Paid claimants during 1935: | | |
| Principal | $20,500 68 | |
| Interest | 1,256 15 | |
| | | 21,756 83 |
| Balance as at December 31, 1935 | | $37,496 47 |

### TABLE 13

## SILICOSIS ACCOUNT, DECEMBER 31, 1935

| | | |
|---|---|---|
| Balance in fund, December 31, 1934 | | $1,111,340 73 |
| Assessments collected under Class 5 | | 520,749 72 |
| | | $1,632,090 45 |
| Payments made: | | |
| Compensation | $139,188 10 | |
| Medical Aid | 17,029 75 | |
| Salaries and Expenses | 46,753 36 | |
| To Accident Fund for Supervision | 2,558 40 | |
| Salaries and Expenses of Referee Board | 4,414 60 | |
| | | 209,944 21 |
| Balance December 31, 1935 | | $1,422,146 24 |

### TABLE 14

## INVESTMENTS, DECEMBER 31, 1935

### Schedule 1

| | |
|---|---|
| Book Value of Investments, Jan. 1, 1935 | $23,607,222 69 |
| Invested during year | 3,685,201 09 |
| | $27,292,423 78 |
| Less Principal returned | 2,061,730 97 |
| Book Value of Investments, Dec. 31, 1935, Principal | $25,230,692 81 |
| Plus Accrued Interest to Dec. 31, 1935 | 314,743 84 |
| Total Book Value of Investments, Dec. 31, 1935 | $25,545,436 65 |

### Schedule 2

| | |
|---|---|
| Book Value of Investments, Jan. 1, 1935 | $3,422.886 63 |
| Invested during year | 8,289 02 |
| | $3,431,175 65 |
| Less Principal returned | 2,634 94 |
| Book Value of Investments, Dec. 31, 1935, Principal | $3,428,540 71 |
| Plus Accrued Interest to Dec. 31, 1935 | 35,023 51 |
| Total Book Value of Investments, Dec. 31, 1935 | $3,463,564 22 |

# LIST OF INVESTMENTS

## SCHEDULE 1 FUNDS

### Municipal Debentures

| Security | Yield Rate (Per Cent.) | Term | Par Value | | Book Value | | Accrued Interest | |
|---|---|---|---|---|---|---|---|---|
| | | | $ | c. | $ | c. | $ | c. |
| Amherstburg | 5.50 | 1936-1938 | 5,826 | 14 | 5,880 | 43 | 16 | 28 |
| Belleville: | 6.25 | May 15, 1941 | 65,000 | 00 | 64,256 | 31 | 491 | 51 |
| | 5.35 | Apr. 5, 1942 | 13,000 | 00 | 13,458 | 06 | 185 | 92 |
| | 5.35 | Jan. 2, 1942 | 14,000 | 00 | 14,460 | 95 | | |
| | 5.30 | May 1, 1952 | 120,000 | 00 | 122,622 | 99 | 1,103 | 02 |
| | 5.041 | 1943-1954 | 156,000 | 00 | 148,166 | 34 | 1,769 | 45 |
| | 5.30 | 1947-1949 | 20,000 | 00 | 19,459 | 11 | 167 | 12 |
| | 5.645 | 1946-1960 | 147,388 | 05 | 136,988 | 23 | 1,837 | 30 |
| | 5.798 | 1946-1950 | 17,856 | 38 | 16,627 | 64 | 146 | 70 |
| | 5.645 | 1945-1959 | 24,545 | 76 | 22,821 | 06 | 100 | 85 |
| Blind River (guaranteed by Province of Ontario) | 4.70 | 1936-1948 | 29,775 | 24 | 29,414 | 52 | 899 | 36 |
| Bowmanville | 5.27 | 1945-1949 | 41,035 | 25 | 40,066 | 03 | 1,371 | 60 |
| Brampton | 5.50 | 1936-1944 | 1,619 | 30 | 1,550 | 28 | 3 | 35 |
| Brantford: | 6.25 | Dec. 31, 1942 | 10,000 | 00 | 9,020 | 30 | | |
| | 6.20 | 1936-1939 | 25,000 | 00 | 24,606 | 91 | | |
| Brantford: | 5.972 | 1937-1947 | 52,200 | 00 | 52,276 | 32 | | |
| | 5.535 | 1940-1949 | 53,000 | 00 | 50,965 | 13 | 116 | 15 |
| | 4.95 | 1941-1953 | 13,000 | 00 | 13,627 | 54 | 31 | 34 |
| | 5. | Dec. 31, 1950 | 5,000 | 00 | 4,476 | 74 | | |
| Bridgeburg | 5. | 1950-1956 | 13,403 | 01 | 14,214 | 36 | 401 | 90 |
| Burlington: | 4.80 | 1942-1951 | 10,843 | 18 | 11,033 | 87 | 106 | 95 |
| Capreol | 5.80 | 1951-1958 | 18,000 | 00 | 18,419 | 58 | 91 | 73 |
| Carleton Place | 5.50 | 1936-1941 | 10,808 | 51 | 10,808 | 51 | 26 | 00 |
| Collingwood (guaranteed by County of Simcoe) | 5.45 | 1947-1951 | 191,000 | 00 | 182,588 | 30 | 784 | 90 |
| Cornwall | 5.20 | 1944-1953 | 51,862 | 79 | 53,362 | 67 | 1,437 | 95 |
| Dundas | 5.375 | 1936-1946 | 13,920 | 21 | 13,998 | 83 | 255 | 88 |
| East York: | 5.446 | 1940-1965 | 172,187 | 29 | 163,064 | 13 | 1,438 | 81 |
| | 5.448 | 1940-1965 | 72,105 | 65 | 68,301 | 81 | 306 | 20 |
| Englehart (guaranteed by Province of Ontario) | 5.40 | 1945-1954 | 20,388 | 11 | 21,626 | 82 | 103 | 90 |
| Essex, Village | 5.50 | 1933-1934 | 1,266 | 00 | 1,256 | 46 | 43 | 60 |
| Essex Border Utilities Commission | 5.484 | 1942-1956 | 199,989 | 88 | 200,333 | 79 | 10,065 | 25 |
| Etobicoke, Twp.: | 5.017 | 1946-1949 | 45,000 | 00 | 46,996 | 46 | 1,356 | 17 |
| | 4.95 | 1940-1957 | 25,277 | 74 | 25,383 | 07 | 848 | 35 |
| | 5.18 | 1941-1957 | 71,000 | 00 | 69,685 | 34 | 593 | 30 |
| | 4.95 | 1940-1958 | 28,416 | 47 | 28,540 | 79 | 968 | 60 |
| | 6.50 | 1937-1948 | 91,071 | 95 | 84,132 | 12 | 972 | 35 |
| Fort Erie: | 5.05 | 1945-1961 | 50,715 | 22 | 53,540 | 64 | 229 | 25 |
| | 5.05 | 1944-1961 | 23,621 | 00 | 24,736 | 19 | 601 | 50 |
| Fort William: | 5.75 | Feb. 1, 1944 | 25,000 | 00 | 23,756 | 25 | 523 | 97 |
| | 6.40 | May 1, 1950 | 10,000 | 00 | 9,624 | 55 | 100 | 27 |
| | 5.125 | Apr. 1, 1955 | 55,000 | 00 | 54,162 | 89 | 685 | 62 |
| | 4.91 | 1946-1951 | 69,924 | 85 | 70,513 | 90 | 296 | 95 |
| | 4.91 | July 1, 1952 | 34,672 | 60 | 35,023 | 02 | | |
| | 4.91 | July 1, 1947 | 42,751 | 00 | 43,086 | 44 | | |
| | 5.07 | Apr. 1, 1959 | 76,000 | 00 | 75,270 | 78 | 957 | 81 |
| Fort William (guaranteeing McKellar Hospital) | 4.625 | May 1, 1948 | 88,000 | 00 | 86,964 | 40 | 661 | 80 |
| Forest Hill Village: | 5.036 | 1943-1957 | 44,730 | 93 | 44,557 | 32 | 747 | 55 |
| | 5.055 | 1936-1958 | 87,745 | 10 | 87,294 | 01 | 372 | 61 |
| | 5.75 | 1936-1939 | 32,006 | 14 | 31,736 | 53 | 267 | 45 |
| | 5.60 | 1940-1959 | 121,602 | 70 | 114,359 | 27 | | |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value | | Book Value | | Accrued Interest | |
|---|---|---|---|---|---|---|---|---|
| | | | $ | c. | $ | c. | $ | c. |
| Galt: | 5.622 | Oct. 30, 1940 | 42,000 | 00 | 39.975 | 63 | 326 | 22 |
| | 5.65 | Dec. 6, 1961 | 19,284 | 69 | 18,485 | 51 | 70 | 50 |
| | 5.30 | 1936-1943 | 69.336 | 68 | 69,887 | 87 | 3,195 | 63 |
| | 5.20 | Dec. 1, 1962 | 68,400 | 36 | 71,359 | 88 | 319 | 50 |
| | 5.20 | Dec. 1, 1962 | 14,135 | 90 | 15,766 | 89 | 72 | 03 |
| | 4.95 | Dec. 15, 1964 | 14,097 | 18 | 15,284 | 18 | 36 | 10 |
| | 5.05 | July 2, 1965 | 35,254 | 75 | 37,674 | 84 | | |
| Glencoe: | 6.75 | 1936-1940 | 6,432 | 12 | 6,217 | 14 | 266 | 53 |
| | 5.33 | May 1, 1959 | 70,000 | 00 | 71,586 | 84 | 643 | 43 |
| Grey, County | 5.25 | Aug. 1, 1945 | 75,000 | 00 | 73,620 | 29 | 1,571 | 92 |
| Guelph: | 6. | 1940-1944 | 13,287 | 11 | 12,926 | 41 | 368 | 39 |
| | 5.183 | June 30, 1942 | 75,000 | 00 | 74,250 | 71 | | |
| | 5.20 | June 30, 1938 | 20,000 | 00 | 19,915 | 15 | | |
| | 4.914 | June 30, 1942 | 11,000 | 00 | 11,051 | 76 | | |
| | 5.152 | Dec. 31, 1953 | 46,441 | 00 | 40,212 | 04 | | |
| Hamilton: | 5.875 | 1936-1937 | 5,968 | 17 | 5,917 | 51 | 25 | 34 |
| | 5.375 | Feb. 1, 1939 | 4,726 | 76 | 4,745 | 33 | 108 | 35 |
| | 6. | 1936-1940 | 55,437 | 43 | 55,437 | 43 | 555 | 90 |
| | 5.90 | 1936-1941 | 123,886 | 30 | 124,255 | 73 | 2,474 | 50 |
| | 5.45 | 1937-1938 | 40,000 | 00 | 40.509 | 65 | 604 | 93 |
| | 5.50 | Feb. 1, 1936 | 7,000 | 00 | 7,017 | 38 | 176 | 05 |
| | 4.95 | 1936-1942 | 119,000 | 00 | 121,385 | 68 | 2,743 | 53 |
| | 5.749 | 1941-1945 | 44,000 | 00 | 41,954 | 56 | 554 | 52 |
| | 5.714 | 1938-1945 | 190,000 | 00 | 178,898 | 75 | 3,584 | 00 |
| | 5.554 | 1938-1945 | 77,000 | 00 | 72,742 | 30 | 1,452 | 45 |
| | 5. | 1940-1945 | 97,000 | 00 | 93,985 | 75 | 1,100 | 22 |
| | 5. | 1940-1947 | 102,000 | 00 | 99,104 | 06 | 1,534 | 20 |
| | 5.064 | 1947-1949 | 54,000 | 00 | 53,683 | 19 | 680 | 55 |
| | 5.064 | 1947-1949 | 104,000 | 00 | 103,390 | 18 | 869 | 04 |
| | 5.06 | 1947-1949 | 6,000 | 00 | 5,965 | 36 | 25 | 48 |
| | 5.06 | 1947-1949 | 2,000 | 00 | 1,988 | 45 | | |
| | 5.068 | 1946-1948 | 19,000 | 00 | 18,063 | 54 | 215 | 51 |
| | 5.067 | 1946-1949 | 42,000 | 00 | 39,920 | 66 | 315 | 86 |
| | 5.068 | 1946-1948 | 47,000 | 00 | 44,695 | 85 | | |
| | 5.068 | 1946-1948 | 55,000 | 00 | 52,218 | 40 | 1,037 | 47 |
| | 5.068 | 1946-1948 | 32,000 | 00 | 30,380 | 39 | 362 | 96 |
| | 5.068 | 1946-1948 | 9,000 | 00 | 8,545 | 35 | 67 | 68 |
| | 5.067 | 1946-1948 | 16,000 | 00 | 15,190 | 71 | 61 | 15 |
| | 5.068 | 1946-1949 | 82,000 | 00 | 77,847 | 36 | 1,546 | 77 |
| | 5.067 | 1946-1949 | 51,000 | 00 | 48,416 | 03 | 767 | 10 |
| | 5.048 | Jan. 2, 1945 | 43,000 | 00 | 42,846 | 00 | | |
| | 5.048 | Feb. 1, 1945 | 26,000 | 00 | 25,906 | 85 | 544 | 93 |
| | 5.048 | April 1, 1945 | 16,000 | 00 | 15,942 | 68 | 201 | 64 |
| | 5.048 | June 1, 1945 | 55,000 | 00 | 54,803 | 02 | 233 | 56 |
| | 5.048 | May 1, 1945 | 32,000 | 00 | 31,885 | 37 | 267 | 40 |
| | 6.012 | 1943-1952 | 170,000 | 00 | 169,818 | 23 | 4,275 | 60 |
| | 5.55 | April 1, 1950 | 26,000 | 00 | 27,154 | 52 | 393 | 20 |
| | 5.57 | April 1, 1952 | 17,000 | 00 | 17,782 | 85 | 257 | 10 |
| | 5.05 | Feb. 1, 1945 | 50,000 | 00 | 47,946 | 86 | 943 | 15 |
| | 4.95 | 1959-1963 | 50,000 | 00 | 50,360 | 34 | 417 | 81 |
| | 5.20 | Jan. 2, 1942 | 3,000 | 00 | 2,969 | 40 | | |
| | 5.20 | April 1, 1945 | 3,000 | 00 | 2,955 | 60 | 37 | 80 |
| | 5.20 | July 3, 1942 | 5,000 | 00 | 4,809 | 00 | | |
| | 5.20 | Dec. 1, 1942 | 4,000 | 00 | 3,837 | 60 | 15 | 30 |
| | 5.20 | Feb. 1, 1944 | 4,000 | 00 | 3,809 | 60 | 75 | 45 |
| | 5.185 | 1950-1951 | 28,000 | 00 | 27,456 | 84 | 233 | 97 |
| | 5.186 | 1952-1953 | 100,000 | 00 | 97,933 | 21 | 835 | 62 |
| | 5.18 | April 1, 1951 | 22,000 | 00 | 21,569 | 73 | 277 | 26 |
| Hanover | 5.30 | 1945-1959 | 65,703 | 97 | 67,040 | 19 | 1,197 | 95 |
| Hawkesbury | 7.25 | 1933-1940 | 51,432 | 34 | 48,982 | 22 | 2,830 | 50 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value | | Book Value | | Accrued Interest | |
|---|---|---|---|---|---|---|---|---|
| | | | $ | c. | $ | c. | $ | c. |
| Hydro Electric Power Com'n (guaranteed by Province of Ontario): | 5.004 | Jan. 2, 1970 | 95,000 | 00 | 91,130 | 12 | | |
| | 4.70 | June 24, 1941 | 40,000 | 00 | 42,495 | 34 | 4 | 60 |
| | 5.35 | Jan. 2, 1970 | 25,000 | 00 | 22,661 | 18 | | |
| | 5.90 | July 15, 1946 | 50,000 | 00 | 47,139 | 96 | 1,164 | 38 |
| | 6.32 | July 1, 1945 | 78,000 | 00 | 70,725 | 99 | | |
| | 6.817 | Sept. 1, 1943 | 26,000 | 00 | 23,920 | 26 | 434 | 52 |
| | 6.145 | July 15, 1946 | 50,000 | 00 | 45,998 | 69 | 1,164 | 38 |
| Kenora | 5.40 | 1936-1956 | 55,300 | 00 | 53,731 | 31 | 234 | 83 |
| Kingston: | 6.10 | 1936-1948 | 4,400 | 00 | 4,381 | 72 | 44 | 12 |
| | 6.125 | 1936-1945 | 35,300 | 00 | 35,079 | 72 | | |
| | 5.30 | Jan. 1, 1942 | 35,000 | 00 | 35,353 | 61 | | |
| Kingsville | 6.625 | 1934-1941 | 33,155 | 59 | 33,024 | 27 | 1,251 | 70 |
| Kitchener: | 5.25 | 1943-1951 | 47,682 | 18 | 48,694 | 73 | 222 | 73 |
| | 5.25 | 1943-1952 | 28,490 | 33 | 29,107 | 14 | 390 | 65 |
| | 5.75 | 1936-1946 | 727 | 37 | 718 | 17 | 8 | 60 |
| | 4.99 | 1942-1945 | 24,849 | 50 | 24,868 | 71 | 364 | 20 |
| Leaside | 6. | 1933-1949 | 96,000 | 00 | 92,887 | 52 | 2,647 | 25 |
| Lincoln, County | 4.95 | Sept. 11, 1943 | 90,000 | 00 | 90,294 | 68 | 1,368 | 50 |
| Listowel | 5.875 | 1936-1947 | 11,858 | 98 | 11,615 | 98 | 273 | 40 |
| London: | 5.523 | Aug. 3, 1939 | 24,000 | 00 | 22,705 | 83 | 402 | 41 |
| | 5.50 | 1937-1938 | 11,000 | 00 | 10,772 | 62 | | |
| | 6.538 | June 30, 1942 | 25,000 | 00 | 22,009 | 58 | 3 | 05 |
| | 6.27 | 1936-1939 | 69,906 | 50 | 69,536 | 87 | 18 | 75 |
| | 5.85 | Jan. 1, 1944 | 50,000 | 00 | 47,326 | 50 | | |
| | 5.35 | 1940-1941 | 15,000 | 00 | 15,108 | 51 | 2 | 26 |
| | 5.35 | 1937-1941 | 75,000 | 00 | 75,380 | 47 | 11 | 30 |
| | 5.25 | 1936-1940 | 80,071 | 46 | 80,555 | 20 | 1,471 | 98 |
| | 5.23 | Aug. 3, 1939 | 20,000 | 00 | 19,124 | 23 | 330 | 96 |
| | 4.955 | June 30, 1945 | 25,000 | 00 | 25,089 | 04 | 3 | 42 |
| | 4.955 | 1938-1942 | 45,000 | 00 | 45,096 | 46 | | |
| | 4.955 | 1939-1945 | 26,000 | 00 | 26,059 | 14 | | |
| | 4.981 | June 30, 1942 | 25,000 | 00 | 23,995 | 52 | | |
| | 5. | 1944-1949 | 236,000 | 00 | 236,000 | 00 | | |
| | 4.819 | 1945-1950 | 299,000 | 00 | 304,099 | 84 | 3,727 | 30 |
| | 4.819 | 1946-1950 | 58,000 | 00 | 58,949 | 45 | | |
| Middlesex, County | 5.10 | 1941-1945 | 79,000 | 00 | 78,517 | 35 | 1,309 | 45 |
| Midland (guaranteed by County of Simcoe): | 4.97 | 1940-1947 | 14,339 | 86 | 14,957 | 36 | 263 | 63 |
| | 4.97 | 1940-1944 | 10,720 | 05 | 11,126 | 80 | 98 | 52 |
| | 4.964 | 1940-1947 | 36,422 | 68 | 36,516 | 27 | 533 | 85 |
| | 4.971 | 1940-1957 | 47,160 | 21 | 47,305 | 06 | 1,285 | 60 |
| Mimico: | 5.636 | 1935-1960 | 62,940 | 45 | 62,103 | 45 | | |
| | 5.68 | 1935-1950 | 36,525 | 33 | 34,673 | 72 | | |
| | 5.05 | 1933-1961 | 46,134 | 66 | 48,226 | 05 | 2,127 | 05 |
| Mount Forest | 5.20 | 1945-1948 | 26,183 | 59 | 25,737 | 76 | 46 | 60 |
| Napanee | 4.80 | 1941-1943 | 14,623 | 28 | 14,785 | 28 | 244 | 35 |
| Niagara Falls: | 6.60 | 1938-1945 | 50,548 | 31 | 46,754 | 68 | 1,904 | 19 |
| | 6.50 | 1934-1941 | 59,553 | 78 | 58,821 | 79 | 1,801 | 30 |
| | 5.318 | 1940-1953 | 54,098 | 50 | 54,956 | 40 | 1,744 | 48 |
| | 5.32 | 1938-1952 | 16,139 | 50 | 15,751 | 46 | 73 | 89 |
| North Bay: | 6. | 1938-1942 | 1,788 | 66 | 1,733 | 14 | 50 | 70 |
| | 5.70 | 1937-1942 | 76,276 | 50 | 77,174 | 28 | 3,071 | 93 |
| | 4.75 | 1937-1947 | 42,775 | 84 | 43,389 | 78 | 52 | 75 |
| | 5.10 | 1939-1948 | 152,370 | 42 | 156,638 | 17 | | |
| | 4.75 | 1937-1943 | 17,558 | 14 | 17,363 | 98 | 530 | 35 |
| Northumberland & Durham, United Counties of | 5.394 | 1936-1943 | 45,451 | 63 | 44,587 | 47 | 105 | 84 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value | Book Value | Accrued Interest |
|---|---|---|---|---|---|
| | | | $ c. | $ c. | $ c. |
| North Toronto (City of Toronto) | 6.05 | 1936-1942 | 18,088 10 | 17,202 55 | 57 98 |
| North York, Twp.: | 4.97 | 1940 & 1941 | 8,500 00 | 8,736 55 | 372 72 |
| | 4.97 | 1940-1944 | 17,866 71 | 18,483 51 | 576 10 |
| | 4.97 | 1940-1943 | 25,811 14 | 26,654 63 | 357 80 |
| | 4.95 | 1943-1957 | 36,885 12 | 39,142 36 | 1,700 75 |
| | 4.75 | 1940-1948 | 47,687 13 | 48,587 88 | 1,998 90 |
| | 4.85 | 1940-1958 | 24,469 63 | 26,132 22 | 1,128 25 |
| Orillia (guaranteed by County of Simcoe) | 4.96 | 1941-1954 | 17,156 14 | 17,227 07 | 216 20 |
| Oshawa: | 6.40 | 1945-1951 | 45,133 48 | 43,597 84 | 2,270 24 |
| | 5.40 | Dec. 31, 1936 | 8,861 00 | 8,870 98 | |
| | 5.375 | June 1, 1938 | 6,068 02 | 6,005 99 | 177 88 |
| | 5.322 | 1939-1943 | 78,000 00 | 76,725 28 | 2,286 58 |
| | 5.648 | 1945-1949 | 100,000 00 | 98,710 25 | |
| Ottawa: | 6.12 | July 1, 1939 | 10,800 00 | 10,073 70 | |
| | 4.95 | July 1, 1951 | 15,000 00 | 16,691 70 | |
| | 5.514 | 1951 & 1961 | 226,000 00 | 225,585 71 | |
| | 5.54 | July 1, 1961 | 114,000 00 | 113,379 25 | |
| | 5.523 | July 1, 1961 | 46,000 00 | 45,855 73 | |
| Owen Sound: | 5.10 | Feb. 1, 1945 | 50,000 00 | 49,626 93 | 1,047 95 |
| | 5.20 | Feb. 1, 1943 | 25,000 00 | 25,459 79 | 576 37 |
| Oxford, County | 6.25 | June 1, 1936 | 2,675 90 | 2,644 91 | 77 50 |
| Parry Sound: | 6.50 | 1936-1944 | 10,387 03 | 10,230 62 | 261 22 |
| | 7.125 | 1937-1950 | 50,235 30 | 46,537 59 | 1,263 44 |
| Pembroke | 5. | 1946-1954 | 75,025 53 | 75,025 53 | 2,199 36 |
| Perth: | 4.95 | 1940-1947 | 52,000 00 | 52,177 50 | 1,267 95 |
| | 4.79 | 1940-1948 | 91,000 00 | 92,395 03 | 2,667 65 |
| | 5.10 | 1945-1950 | 21,000 00 | 20,816 72 | 701 90 |
| Peterborough: | 6.10 | Dec. 31, 1946 | 15,000 00 | 13,689 86 | |
| | 6.25 | Dec. 31, 1940 | 50,000 00 | 50,000 00 | |
| | 5.85 | June 30, 1951 | 50,000 00 | 43,182 18 | |
| Port Arthur: | 6.595 | June 1, 1940 | 50,000 00 | 48,852 81 | 254 79 |
| | 5.20 | June 1, 1959 | 50,000 00 | 48,653 61 | 212 33 |
| | 6.384 | June 1, 1948 | 53,000 00 | 49,005 64 | 247 58 |
| Port Arthur (guaranteeing General Hospital): | 5.125 | Nov. 1, 1955 | 100,000 00 | 104,654 83 | 904 10 |
| | 5.15 | Oct. 1, 1954 | 40,000 00 | 41,683 90 | 548 50 |
| Preston | 6.50 | 1936-1937 | 1,330 22 | 1,310 90 | 62 67 |
| Renfrew: | 5.85 | 1936-1947 | 6,028 60 | 6,077 31 | 268 53 |
| | 4.95 | 1947-1958 | 55,034 42 | 55,361 41 | 2,080 70 |
| Richmond Hill | 5.50 | 1936-1944 | 4,783 53 | 4,783 53 | 221 25 |
| St. Catharines: | 5.385 | Dec. 29, 1945 | 50,000 00 | 48,531 20 | 13 70 |
| | 6.312 | 1936-1940 | 12,500 00 | 12,557 69 | |
| | 6.321 | 1936-1940 | 14,500 00 | 14,477 27 | |
| | 5.45 | 1936-1942 | 19,250 00 | 19,574 95 | 193 02 |
| St. Marys: | 5.50 | Oct. 31, 1943 | 4,870 30 | 4,722 62 | |
| | 5.50 | Jan. 1, 1944 | 2,500 00 | 2,420 62 | |
| St. Thomas: | 6.38 | 1937-1951 | 129,562 40 | 126,223 81 | 3,258 56 |
| | 6.38 | 1938 & 1939 | 3,387 15 | 3,285 57 | 3 57 |
| | 5.40 | 1936 & 1937 | 37,000 00 | 37,214 00 | 255 45 |
| | 5.15 | 1949-1953 | 25,000 00 | 24,600 88 | 58 22 |
| | 5.20 | 1936-1949 | 36,000 00 | 35,544 70 | 78 90 |
| Sandwich: | 5.625 | 1933-1935 | 2,070 76 | 2,085 28 | 115 65 |
| | 6.625 | 1932-1943 | 18,392 05 | 17,758 63 | 692 35 |
| | 6.549 | 1938-1940 | 6,774 32 | 6,547 79 | 18 92 |
| | 6.546 | 1932-1949 | 41,737 53 | 40,112 96 | 624 35 |
| | 5.484 | 1944-1955 | 78,106 11 | 78,248 85 | 2,165 56 |
| | 5.579 | 1944-1947 | 11,000 00 | 10,911 68 | 51 40 |
| | 5.25 | 1944-1958 | 313,879 39 | 323,318 64 | 15,797 10 |
| | 5.50 | 1945-1960 | 126,694 20 | 126,694 20 | |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value | | Book Value | | Accrued Interest | |
|---|---|---|---|---|---|---|---|---|
| | | | $ | c. | $ | c. | $ | c. |
| Sandwich West, Twp. | 5.05 | 1938-1948 | 80,272 | 18 | 85,913 | 94 | 4,037 | 80 |
| Sandwich, Windsor & Amherstburg Railway Co. (guaranteed by Province of Ontario) | 5.777 | June 1, 1943 | 49,000 | 00 | 45,236 | 87 | 181 | 25 |
| Sarnia: | 6.50 | 1936-1939 | 2,906 | 33 | 2,848 | 44 | | |
| | 5.217 | 1942-1947 | 62,914 | 68 | 61,894 | 25 | 792 | 90 |
| Sault Ste. Marie: | 5.50 | Mar. 25, 1949 | 24,771 | 50 | 25,937 | 15 | 394 | 97 |
| | 6.405 | April 1, 1950 | 45,000 | 00 | 41,189 | 98 | 623 | 84 |
| | 5.096 | Jan. 20, 1945 | 6,000 | 00 | 6,180 | 35 | 147 | 35 |
| | 5.25 | Jan. 20, 1945 | 4,000 | 00 | 4,074 | 06 | 99 | 45 |
| | 5.25 | 1937-1942 | 29,500 | 00 | 29,772 | 27 | 137 | 79 |
| | 5.25 | June 1, 1949 | 3,900 | 00 | 3,806 | 54 | 16 | 56 |
| | 5.25 | Dec. 15, 1949 | 5,000 | 00 | 5,122 | 85 | 12 | 81 |
| Scarborough, Twp.: | 4.70 | 1940-1943 | 25,000 | 00 | 25,515 | 23 | 54 | 80 |
| | 5.35 | 1942-1958 | 75,474 | 03 | 72,308 | 64 | 165 | 40 |
| | 6. | 1933-1940 | 25,689 | 23 | 25,341 | 22 | 56 | 30 |
| Simcoe | 5.50 | 1936-1945 | 4,438 | 03 | 4,543 | 71 | 12 | 39 |
| Sioux Lookout | 6. | 1944-1947 | 4,000 | 00 | 4,000 | 00 | 20 | 38 |
| Smith's Falls: | 5.50 | 1936-1944 | 4,553 | 60 | 4,553 | 60 | 209 | 30 |
| | 5.50 | 1936-1946 | 10,886 | 52 | 11,170 | 29 | 438 | 42 |
| | 5.50 | July 1, 1936 | 187 | 12 | 188 | 13 | 5 | 65 |
| | 5.775 | 1936 & 1937 | 895 | 18 | 890 | 08 | 33 | 03 |
| | 5.776 | 1936 & 1947 | 9,241 | 89 | 9,099 | 97 | 341 | 19 |
| | 5.022 | 1940-1945 | 64,306 | 49 | 64,222 | 27 | 2,158 | 21 |
| | 5. | 1944-1946 | 54,000 | 00 | 54,000 | 00 | 1,812 | 33 |
| Stratford: | 5.50 | Jan. 1, 1945 | 25,000 | 00 | 24,130 | 59 | | |
| | 5.50 | Jan. 1, 1945 | 15,000 | 00 | 14,479 | 56 | | |
| | 5.50 | Jan. 1, 1945 | 10,000 | 00 | 9,652 | 24 | | |
| | 5.625 | Jan. 1, 1945 | 13,000 | 00 | 12,431 | 69 | | |
| | 6.25 | Jan. 1, 1951 | 40,000 | 00 | 39,028 | 19 | | |
| | 5.40 | Jan. 1, 1942 | 124,000 | 00 | 127,769 | 69 | | |
| | 5.40 | Jan. 1, 1942 | 50,000 | 00 | 50,252 | 96 | | |
| | 5.401 | 1937 & 1952 | 83,000 | 00 | 83,198 | 55 | | |
| | 4.95 | June 15, 1940 | 7,000 | 00 | 7,015 | 24 | 191 | 78 |
| | 4.95 | June 15, 1955 | 30,000 | 00 | 30,191 | 12 | 821 | 92 |
| | 4.915 | Jan. 1, 1945 | 2,000 | 00 | 2,012 | 12 | | |
| Sudbury: | 7. | 1934-1937 | 18,321 | 43 | 18,060 | 53 | 767 | 97 |
| | 5.50 | 1940-1949 | 49,943 | 48 | 48,133 | 56 | 136 | 80 |
| | 5.05 | 1945-1948 | 66,235 | 66 | 65,942 | 52 | 825 | 65 |
| Teck, Twp. (guaranteed by Province of Ontario) | 3.625 | 1936-1944 | 59,710 | 38 | 62,125 | 51 | 456 | 41 |
| Tisdale, Twp. (guaranteed by Province of Ontario): | 3.55 | 1936-1945 | 125,000 | 00 | 127,850 | 00 | 1,260 | 27 |
| | 4.70 | 1936-1944 | 38,103 | 49 | 41,068 | 52 | 764 | 14 |
| | 4.70 | 1936-1944 | 24,906 | 11 | 26,378 | 07 | | |
| Thorold | 5.134 | Aug. 15, 1958 | 3,000 | 00 | 2,945 | 55 | 62 | 90 |
| Tillsonburg: | 5.50 | Mar. 20, 1945 | 975 | 00 | 975 | 00 | 42 | 16 |
| | 5.50 | 1936-1944 | 717 | 51 | 717 | 51 | 31 | 00 |
| Toronto: | 6.049 | 1937-1939 | 16,000 | 00 | 15,817 | 69 | 294 | 14 |
| | 6.049 | April 1, 1938 | 4,000 | 00 | 3,950 | 85 | 55 | 45 |
| | 6.049 | 1937-1938 | 7,000 | 00 | 6,935 | 28 | | |
| | 6.08 | July 1, 1945 | 7,000 | 00 | 6,453 | 42 | | |
| | 6.08 | July 1, 1948 | 4,000 | 00 | 3,454 | 51 | | |
| | 6.021 | Jan. 1, 1955 | 19,000 | 00 | 15,756 | 27 | | |
| | 6. | 1936 & 1937 | 15,000 | 00 | 14,918 | 61 | 140 | 14 |
| | 6.24 | 1936 & 1939 | 13,000 | 00 | 12,923 | 97 | 260 | 71 |
| | 6.20 | 1936 & 1940 | 27,000 | 00 | 26,849 | 70 | 541 | 48 |
| | 6. | 1937 & 1940 | 44,000 | 00 | 43,396 | 88 | | |
| | 6. | 1936-1949 | 61,000 | 00 | 61,000 | 00 | 310 | 85 |
| | 6. | 1937-1947 | 17,000 | 00 | 16,505 | 56 | | |
| | 6. | 1942-1951 | 52,000 | 00 | 52,000 | 00 | 786 | 41 |
| | 6. | 1936-1940 | 45,000 | 00 | 44,469 | 14 | | |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value $ c. | Book Value $ c. | Accrued Interest $ c. |
|---|---|---|---|---|---|
| Toronto: | 6. | 1937-1941 | 28,000 00 | 28,000 00 | |
| | 6. | 1937-1939 | 9,000 00 | 9,000 00 | 45 86 |
| | 6. | 1937-1939 | 7,000 00 | 7,000 00 | 105 86 |
| | 6. | 1937-1939 | 10,000 00 | 10,000 00 | |
| | 6. | 1937-1939 | 14,000 00 | 13,840 65 | |
| | 6. | 1938-1939 | 9,000 00 | 8,876 36 | |
| | 5.40 | 1939-1941 | 150,000 00 | 150,602 81 | 2,757 55 |
| | 5.20 | 1940-1942 | 58,000 00 | 57,490 31 | 484 66 |
| | 5.20 | 1940-1951 | 41,000 00 | 41,855 42 | |
| | 5.25 | April 1, 1951 | 50,000 00 | 48,682 34 | 630 14 |
| | 5.02 | 1940-1951 | 21,000 00 | 22,366 36 | 107 01 |
| | 5.02 | Mar. 1, 1940 | 1,000 00 | 1,039 03 | 20 05 |
| | 4.925 | July 1, 1950 | 20,000 00 | 20,154 47 | |
| | 4.925 | April 1, 1950 | 25,000 00 | 25,193 06 | 315 07 |
| | 5.265 | July 1, 1944 | 35,000 00 | 33,176 44 | |
| | 4.95 | June 1, 1946 | 7,000 00 | 6,744 45 | 25 90 |
| | 4.95 | 1943-1945 | 40,000 00 | 38,790 11 | 300 82 |
| | 4.95 | 1945-1951 | 106,000 00 | 106,465 56 | |
| | 4.95 | 1943-1948 | 33,000 00 | 31,927 14 | |
| | 6.106 | 1945-1952 | 27,000 00 | 25,677 37 | 374 30 |
| | 4.90 | Mar. 1, 1949 | 2,000 00 | 2,117 40 | 36 75 |
| | 4.77 | July 1, 1948 | 3,000 00 | 3,345 51 | |
| | 4.82 | 1942-1950 | 30,000 00 | 32,797 09 | 152 90 |
| | 5.30 | 1946-1958 | 53,000 00 | 53,961 44 | 734 75 |
| | 5.65 | 1953 & 1957 | 55,000 00 | 54,039 77 | 762 50 |
| | 5.70 | 1942-1947 | 60,000 00 | 59,224 45 | 831 80 |
| | 5.618 | 1958-1962 | 125,000 00 | 123,037 67 | 1,732 85 |
| | 5.70 | 1943 & 1944 | 17,000 00 | 16,782 19 | 235 65 |
| | 5.40 | 1955 & 1956 | 100,000 00 | 101,213 72 | 1,386 30 |
| | 5.27 | 1948 & 1950 | 89,000 00 | 90,914 93 | 1,233 80 |
| | 5.35 | June 1, 1946 | 25,000 00 | 26,292 60 | 123 30 |
| | 5.013 | 1945 & 1946 | 44,000 00 | 43,954 44 | |
| | 5.10 | April 1, 1952 | 5,000 00 | 5,221 29 | 68 55 |
| | 5.08 | 1950 & 1951 | 15,000 00 | 15,660 57 | 205 70 |
| | 5 05 | April 1, 1951 | 11,000 00 | 11,527 71 | 150 85 |
| | 5.241 | Aug. 1, 1951 | 28,000 00 | 25,771 23 | 524 70 |
| | 5.05 | 1946-1951 | 20,000 00 | 21,856 74 | |
| | 6.41 | 1945-1951 | 100,000 00 | 96,563 11 | 1,989 05 |
| | 7.05 | Dec. 1, 1940 | 6,000 00 | 5,738 66 | 29 60 |
| | 5.97 | July 1, 1951 | 10,000 00 | 10,028 23 | |
| | 6.70 | 1943 & 1945 | 40,000 00 | 38,252 08 | 203 84 |
| Toronto Harbour Commission (guaranteed by City of Toronto) | 5.102 | Sept. 1, 1953 | 14,000 00 | 13,015 14 | 208 85 |
| Toronto Junction (City of Toronto) | 6.187 | Jan. 2, 1943 | 33,000 00 | 29,907 72 | |
| Toronto, Twp. | 4.95 | 1941-1952 | 18,104 29 | 19,013 31 | 627 42 |
| Trenton | 5. | 1942-1943 | 25,000 00 | 25,773 41 | 1,103 76 |
| Walkerville: | 6.597 | 1934-1942 | 20,218 58 | 19,872 72 | 57 60 |
| | 6 271 | 1942-1948 | 17,531 70 | 16,527 69 | 47 54 |
| | 5. | 1949-1951 | 99,038 43 | 109,328 76 | 276 75 |
| | 4.70 | 1942-1947 | 25,511 95 | 26,055 10 | 59 40 |
| Walkerville-East Windsor Water Commission | 5.15 | 1947-1959 | 291,476 32 | 303,077 11 | |
| Welland, City | 5.439 | April 1, 1939 | 42,000 00 | 42,731 94 | 635 18 |
| Welland, County | 5.38 | Dec. 15, 1945 | 10,000 00 | 9,712 15 | 23 28 |
| Weston | 5. | 1949-1952 | 24,949 65 | 27,714 01 | 65 60 |
| West Gwillimbury (guaranteed by County of Simcoe) | 5.459 | 1942-1956 | 36,107 36 | 36,248 01 | |
| Wheatley, Village | 5.25 | 1951-1960 | 22,892 29 | 23,604 61 | 734 75 |
| Whitby | 5.375 | 1936-1946 | 8,608 30 | 8,664 29 | 76 53 |
| | 5.375 | 1937-1946 | 2,904 32 | 2,925 02 | 27 10 |
| | 5.38 | 1936-1946 | 3,897 71 | 3,932 73 | 34 65 |

## TABLE 14—Continued

### Municipal Debentures—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value | | Book Value | | Accrued Interest | |
|---|---|---|---|---|---|---|---|---|
| | | | $ | c. | $ | c. | $ | c. |
| Windsor: | 5.563 | 1932-1935 | 11,665 | 41 | 11,654 | 25 | 28 | 15 |
| | 6.413 | 1942-1950 | 200,257 | 35 | 192,643 | 60 | 1,020 | 30 |
| | 6.05 | 1938-1940 | 32,977 | 61 | 32,877 | 74 | 585 | 45 |
| | 6.10 | Sept. 15, 1941 | 12,337 | 43 | 12,252 | 21 | 219 | 01 |
| | 6.05 | June 1, 1940 | 13,000 | 00 | 12,961 | 26 | 66 | 25 |
| | 5.32 | 1946-1952 | 110,000 | 00 | 112,106 | 51 | 1,525 | 00 |
| | 5.101 | June 1, 1951 | 24,000 | 00 | 26,564 | 79 | 122 | 30 |
| | 4.95 | 1944-1950 | 163,000 | 00 | 155,283 | 31 | 602 | 90 |
| | 4.95 | 1943-1949 | 37,000 | 49 | 37,186 | 00 | 152 | 05 |
| Woodstock: | 5.625 | Dec. 31, 1936 | 7,045 | 32 | 6,969 | 90 | | |
| | 5.625 | Nov. 1, 1938 | 10,000 | 00 | 9,713 | 09 | | |
| | 5.625 | Nov. 30, 1937 | 6,000 | 00 | 5,880 | 70 | | |
| York, Twp.: | 4.958 | 1941-1946 | 100,000 | 00 | 100,298 | 01 | 424 | 66 |
| | 5.572 | 1941-1951 | 102,407 | 13 | 105,792 | 73 | 2,053 | 75 |
| | 5.408 | 1949-1956 | 225,000 | 00 | 214,721 | 81 | 4,715 | 77 |
| | 4.979 | 1942-1946 | 195,000 | 00 | 195,313 | 67 | 4,087 | 00 |
| | 5.612 | 1945-1956 | 110,295 | 98 | 103,061 | 14 | 1,828 | 15 |
| | 5. | 1945-1955 | 22,000 | 00 | 22,000 | 00 | 93 | 45 |
| | 4.85 | Feb. 1, 1952 | 25,000 | 00 | 25,437 | 71 | 524 | 00 |
| | 4.85 | 1941-1949 | 20,731 | 26 | 21,845 | 28 | | |
| | 4.93 | 1941-1952 | 8,679 | 27 | 9,515 | 22 | 174 | 05 |
| | 4.93 | 1941-1952 | 27,659 | 28 | 30,387 | 50 | 695 | 65 |
| | 5.08 | 1945-1958 | 74,000 | 00 | 73,284 | 00 | 922 | 45 |
| York, Twp. (guaranteed by County of York): | 5.39 | 1951-1956 | 93,000 | 00 | 88,736 | 54 | 394 | 95 |
| | 4.95 | 1946-1957 | 21,000 | 00 | 21,116 | 49 | 350 | 95 |
| | | | 16,366,932 | 99 | 16,228,316 | 92 | 214,019 | 39 |

## TABLE 14—Continued

### Other Permanent Investments

| Security | Yield Rate (Per Cent.) | Term | Par Value $ c. | Book Value $ c. | Accrued Interest $ c. |
|---|---|---|---|---|---|
| Canadian National Railways (guaranteed by Dominion of Canada): | 4.64 | Feb. 1, 1954 | 100,000 00 | 104,443 82 | 2,095 90 |
| | 4.65 | Feb. 1, 1954 | 50,000 00 | 52,155 53 | 1,047 95 |
| | 5.312 | Feb. 1, 1954 | 80,000 00 | 77,074 11 | 1,676 70 |
| | 5.35 | Feb. 1, 1954 | 36,000 00 | 34,531 65 | 754 50 |
| | 5.23 | Feb. 1, 1954 | 121,000 00 | 117,751 88 | 2,536 05 |
| | 5.19 | Feb. 1, 1954 | 247,000 00 | 241,449 34 | 5,176 90 |
| | 4.69 | Feb. 1, 1954 | 50,000 00 | 51,902 95 | 1,047 95 |
| | 4.68 | Feb. 1, 1954 | 23,000 00 | 23,892 15 | 482 05 |
| | 4.65 | Feb. 1, 1954 | 50,000 00 | 52,155 53 | 1,047 95 |
| | 4.675 | Feb. 1, 1954 | 50,000 00 | 51,992 99 | 1,047 95 |
| | 4.675 | Feb. 1, 1954 | 60,000 00 | 62,391 58 | 1,257 53 |
| | 4.666 | Feb. 1, 1954 | 25,000 00 | 26,026 71 | 524 00 |
| | 4.67 | Feb. 1, 1954 | 90,000 00 | 93,603 30 | 1,886 30 |
| | 5.19 | Feb. 1, 1954 | 463,000 00 | 452,586 49 | 9,704 00 |
| | 6.077 | Feb. 1, 1954 | 40,000 00 | 35,188 74 | 838 36 |
| | 5.206 | June 15, 1955 | 158,000 00 | 149,240 00 | 328 95 |
| | 5.032 | Feb. 1, 1970 | 100,000 00 | 99,477 78 | 2,095 90 |
| | 5.015 | Feb. 1, 1970 | 40,000 00 | 39,905 13 | 838 36 |
| Dominion of Canada: | 5.859 | Nov. 15, 1941 | 30,000 00 | 28,712 18 | 189 05 |
| | 3.747 | Nov. 1, 1948/58 | 465,000 00 | 500,766 74 | 3,497 10 |
| Ontario, Province of: | 5.88 | Feb. 1, 1941 | 50,000 00 | 50,288 64 | 1,257 53 |
| | 4.80 | Dec. 1, 1942 | 115,000 00 | 119,734 92 | 537 20 |
| | 5.75 | Dec. 1, 1942 | 10,000 00 | 9,859 81 | 45 20 |
| | 4.319 | Dec. 1, 1942 | 95,000 00 | 101,717 89 | 443 76 |
| | 7.52 | Sept. 15, 1943 | 108,000 00 | 98,263 80 | 1,917 36 |
| | 5. | Sept. 15, 1943 | 50,000 00 | 53,264 85 | 879 45 |
| | 4.90 | Sept. 15, 1943 | 185,000 00 | 198,335 35 | 3,253 95 |
| | 4.85 | Sept. 15, 1943 | 9,000 00 | 9,679 90 | 158 30 |
| | 4.85 | Sept. 15, 1943 | 57,500 00 | 61,841 59 | 1,011 35 |
| | 4.85 | Sept. 15, 1943 | 30,000 00 | 32,273 61 | 527 65 |
| | 4.85 | Sept. 15, 1943 | 30,000 00 | 32,266 26 | 527 65 |
| | 4.75 | Sept. 15, 1943 | 7,000 00 | 7,576 27 | 123 10 |
| | 6.10 | July 1, 1946 | 250,000 00 | 238,494 22 | |
| | 5.99 | July 1, 1946 | 100,000 00 | 96,224 91 | |
| | 5.625 | July 1, 1946 | 115,000 00 | 113,871 73 | |
| | 5.986 | July 1, 1946 | 461,000 00 | 443,691 72 | |
| | 4.026 | July 1, 1946 | 200,000 00 | 225,032 74 | |
| | 4.022 | July 1, 1946 | 25,000 00 | 28,138 89 | |
| | 4. | July 1, 1946 | 15,000 00 | 16,913 76 | |
| | 5.371 | Dec. 1, 1947 | 13,000 00 | 12,007 58 | 49 70 |
| | 5.46 | Feb. 1,1947 | 226,000 00 | 226,748 02 | 5,210 45 |
| | 6.01 | Feb. 1, 1947 | 125,000 00 | 119,755 73 | 2,881 85 |
| | 5.40 | Feb. 1, 1947 | 145,000 00 | 146,265 65 | 3,342 95 |
| | 5.43 | Feb. 1, 1947 | 116,000 00 | 116,702 50 | 2,674 40 |
| | 5.875 | Feb. 1, 1947 | 10,000 00 | 9,689 66 | 230 55 |
| | 5.54 | Feb. 1, 1947 | 100,000 00 | 99,627 96 | 2,305 49 |
| | 4.983 | Feb. 1, 1947 | 91,500 00 | 95,603 22 | 2,109 50 |
| | 4.596 | Feb. 1, 1947 | 50,000 00 | 54,452 05 | 1,152 73 |
| | 4.035 | Feb. 1, 1947 | 35,000 00 | 39,678 80 | 806 91 |
| | 4.018 | Feb. 1, 1947 | 62,000 00 | 70,394 99 | 1,429 40 |
| | 4.043 | Feb. 1, 1947 | 10,000 00 | 11,329 96 | 230 55 |
| | 5.178 | Oct. 15, 1948 | 250,000 00 | 245,835 24 | 263 70 |
| | 4.875 | Oct. 15, 1948 | 50,000 00 | 50,599 30 | 520 55 |
| | 4.875 | Oct. 15, 1948 | 60,000 00 | 60,715 92 | 624 66 |
| | 4.871 | Oct. 15, 1948 | 25,000 00 | 25,307 71 | 260 27 |
| | 4.875 | Oct. 15, 1948 | 50,000 00 | 50,596 87 | 520 55 |
| | 4.778 | Oct. 15, 1948 | 50,000 00 | 51,062 88 | 534 25 |
| | 5.236 | Oct. 15, 1948 | 50,000 00 | 48,896 07 | 534 25 |
| | 5.458 | Dec. 1, 1949 | 300,000 00 | 272,105 61 | 1,146 60 |

## TABLE 14—Continued

### Other Permanent Investments—Continued

| Security | Yield Rate (Per Cent.) | Term | Par Value $ c. | Book Value $ c. | Accrued Interest $ c. |
|---|---|---|---|---|---|
| Ontario, Province of: (Continued) | | | | | |
| | 5.49 | Jan. 16, 1949 | 158,000 00 | 146,487 67 | 3,272 54 |
| | 5.57 | Jan. 16, 1949 | 207,000 00 | 186,072 95 | 4,287 50 |
| | 5.449 | Dec. 1, 1950 | 700,000 00 | 632,502 08 | 2,675 30 |
| | 4.86 | Jan. 15, 1956 | 500,000 00 | 476,711 95 | 10,417 80 |
| | 5.016 | May 1, 1959 | 250,000 00 | 249,443 53 | 2,054 80 |
| Ontario, Province of (guaranteeing The University of Western Ontario) | 5.672 | 1942-1946 | 54,000 00 | 49,595 64 | |
| Ontario, Province of (guaranteeing Temiskaming and Northern Ontario Railway) | 5.20 | Feb. 1, 1959 | 145,000 00 | 121,466 89 | 2,431 25 |
| | | | 8,023,000 00 | 7,902,375 89 | 100,724 45 |
| **Total Permanent Investments, Schedule 1** | | | 24,389,932 99 | 24,130,692 81 | 314,743 84 |

## TABLE 14—Continued

## SCHEDULE 2 FUNDS

| Security | Yield Rate (Per Cent.) | Term | Par Value $ c. | Book Value $ c. | Accrued Interest $ c. |
|---|---|---|---|---|---|
| Barton, Twp. | 5.354 | July 14, 1952 | 63,000 00 | 64,020 98 | 1,604 34 |
| Belleville: | 5.669 | 1943-1945 | 3,450 26 | 3,296 30 | |
| | 5.613 | 1943-1950 | 8,000 00 | 7,592 09 | 17 55 |
| | 5.704 | 1940-1946 | 10,488 47 | 10,038 74 | 219 80 |
| Brantford | 5.42 | Dec. 31, 1949 | 15,000 00 | 12,930 94 | |
| Canadian National Railways (guaranteed by Dominion of Canada) | 5.61 | Feb. 1, 1954 | 50,000 00 | 46,511 65 | 1,047 95 |
| Chippawa, Town (guaranteed by County of Welland) | 5.525 | 1941-1944 | 22,578 30 | 22,542 48 | 520 52 |
| Cornwall | 5.535 | 1941-1943 | 10,248 45 | 10,223 57 | 284 13 |
| Etobicoke, Twp.: | 5.485 | 1941-1955 | 24,867 79 | 23,779 55 | 415 60 |
| | 5.07 | 1941-1956 | 32,574 89 | 32,394 25 | 1,227 13 |
| | 5.067 | 1942-1956 | 58,470 29 | 60,862 46 | 2,422 90 |
| | 5.55 | 1948-1955 | 43,000 00 | 40,623 90 | 453 55 |
| Galt | 5.34 | Dec. 15, 1965 | 19,460 45 | 18,473 42 | 42 65 |
| Hamilton: | 5.697 | 1942-1946 | 152,000 00 | 139,846 66 | 2,867 18 |
| | 5.54 | 1942-1946 | 134,000 00 | 124,633 90 | 512 15 |
| | 5.444 | 1942-1946 | 35,000 00 | 33,935 41 | 292 47 |
| Hydro Electric Power Com'n (guaranteed by Province of Ontario) | 5.45 | June 24, 1941 | 15,000 00 | 15,384 01 | 17 25 |
| Kingston | 5.453 | July 1, 1955 | 70,000 00 | 66,219 35 | |
| Kitchener | 5.475 | 1944-1947 | 10,418 06 | 10,858 34 | 104 45 |
| London: | 5.444 | Dec. 30, 1954 | 411,000 00 | 389,574 27 | |
| | 5.439 | 1940-1956 | 280,000 00 | 271,353 02 | 76 70 |
| | 5.26 | 1940-1955 | 101,000 00 | 99,137 39 | |
| North Bay | 5.799 | 1940-1943 | 33,000 00 | 32,456 12 | 1,516 65 |
| Ontario, Province of: | 5.528 | Oct. 1, 1942 | 31,000 00 | 30,067 90 | 390 68 |
| | 5.376 | April 1, 1952 | 19,000 00 | 18,228 20 | 239 45 |
| | 4.875 | Oct. 15, 1948 | 50,000 00 | 50,598 16 | 520 55 |
| Ottawa | 5.574 | 1941-1946 | 36,000 00 | 34,775 88 | |
| Owen Sound | 4.95 | April 1, 1945 | 100,000 00 | 100,383 21 | 1,246 60 |
| Peterborough | 5.514 | Dec. 31, 1945 | 20,000 00 | 19,223 30 | |
| Renfrew | 5.40 | 1949-1953 | 50,234 63 | 50,772 89 | 461 73 |
| Stamford, Twp. | 5.458 | 1941-1954 | 246,628 19 | 247,593 87 | 408 80 |
| Stratford: | 5.201 | July 1, 1954 | 82,000 00 | 82,956 25 | 2,190 86 |
| | 5.611 | 1940-1956 | 122,613 19 | 117,404 32 | 3,359 25 |
| Thorold | 5.50 | 1940-1959 | 49,546 82 | 46,910 51 | 617 60 |
| Toronto: | 6.325 | June 1, 1940 | 4,000 00 | 3,956 18 | 20 38 |
| | 6.325 | June 1, 1942 | 21,000 00 | 20,640 15 | 107 01 |
| | 6.254 | 1937-1940 | 130,000 00 | 129,272 68 | 662 55 |
| | 5.557 | Dec. 1, 1940 | 100,000 00 | 101,911 62 | 509 59 |
| | 5.25 | 1940 & 1943 | 42,000 00 | 43,437 83 | 214 03 |
| | 5.25 | 1950 & 1951 | 50,000 00 | 48,696 93 | 630 14 |
| | 5.287 | 1948-1954 | 172,000 00 | 157,894 57 | 1,293 53 |
| | 5.269 | 1948-1954 | 154,000 00 | 141,544 08 | 588 57 |
| | 5.572 | 1947-1954 | 229,000 00 | 202,623 69 | 3,444 40 |
| | 5.458 | Jan. 1, 1949 | 5,000 00 | 4,546 49 | |
| | 5.455 | July 1, 1950 | 4,000 00 | 3,822 35 | |
| Victoria, County | 5.50 | 1951-1959 | 17,954 20 | 16,851 44 | 39 35 |
| Waterloo, Town | 5.68 | 1941-1947 | 19,195 72 | 18,970 55 | 885 07 |
| York, Twp. | 5.74 | 1944-1961 | 214,197 93 | 198,768 86 | 3,550 40 |
| **Total Permanent Investments, Schedule 2** | | | 3,571,927 64 | 3,428,540 71 | 35,023 51 |

## SHORT DATE DEPOSIT, SCHEDULE 1

| | |
|---|---|
| Province of Ontario Savings Bank 2¼% | $1,100,000 |

# CHAPTER V

## 1934 OPERATIONS

This chapter deals with the year 1934, containing information which was not available when the report for that year was made.

It gives the final financial statement for Schedule 1 industries for the year, estimates of the adjustments of assessments and of the outstanding compensation and medical aid having to be used in the provisional statement given in Table 1 of the 1934 report; and it gives statistical information as to the accidents which happened during 1934, their causes, the nature of the injuries suffered, the number, time loss, total and average cost of the different classes of cases, and the age, wage, nationality, and marital condition of the injured workmen.

This informtion is contained in Tables 15 to 27.

### Final Financial Statement, Schedule 1, 1934

Table 15 gives the final financial statement for Schedule 1 industries for 1934, provisional figures for which were given in Table 1 of the 1934 report. It shows the income and credits and the expenditures and charges and the balance for each class of industry; also the actual assessments and accident cost and other items of income and expenditure for each class, and the assessments and accident cost for each group of industry within the class. The list of industries included in each class and group will be found in the Board's rate book, the list of industries in the different classes is also printed with the Act, and their general nature is indicated at the bottom of Table 1 of this report.

The net income and credits for all the classes for the year were $4,331,602.33, and the net expenditures and charges, $4,300,315.17, leaving a surplus for the year of $31,287.16. Adding the surplus forward from prior years, $1,589,872.87, leaves a net actual surplus of $1,621,160.03, as compared with a provisional or estimated surplus of $756,331.77, the disparity being largely due to claims for accidents occurring in 1934 and prior years not being finally disposed of in 1935.

#### Assessments and Accident Cost

The assessments and accident cost (the latter comprising compensation and medical aid and payments on account of rehabilitation but not including payments from the Silicosis Account) in Schedule 1 for each year since the commencement of the Act, and the totals to the end of 1934, are as follows:

| Year | Assessment | Accident Cost |
|---|---|---|
| 1915 | $1,831,537 52 | $1,091,020 43 |
| 1916 | 2,361,463 20 | 1,880,004 37 |
| 1917 | 2,662,383 29 | 2,639,560 56 |
| 1918 | 3,303,575 83 | 3,214,427 57 |
| 1919 | 3,840,949 07 | 4,474,847 38 |
| 1920 | 5,579,333 45 | 5,041,947 30 |
| 1921 | 4,594,452 37 | 4,277,034 67 |
| 1922 | 3,984,594 64 | 4,323,801 07 |
| 1923 | 3,771,321 09 | 4,977,331 82 |
| 1924 | 4,524,700 86 | 4,746,314 60 |
| 1925 | 4,390,854 75 | 4,438,802 13 |
| 1926 | 5,167,126 64 | 4,711,970 90 |
| 1927 | 5,465,763 17 | 5,082,073 61 |
| 1928 | 6,739,696 80 | 6,083,772 14 |
| 1929 | 7,505,431 10 | 6,861,274 51 |
| 1930 | 6,396,105 73 | 5,925,502 17 |
| 1931 | 4,608,677 15 | 4,472,209 18 |
| 1932 | 3,292,309 25 | 3,177,386 47 |
| 1933 | 2,729,936 41 | 2,795,085 82 |
| 1934 | 4,192,200 35 | 3,904,134 13 |
| Totals | $86,942,412 67 | $84,118,500 83 |

### Pay Roll and Rates of Assessment

As assessments are in the form of a percentage of pay roll, the average rate paid by the employers in Schedule 1 can be determined by dividing the total assessments for the year by the total pay roll. The following table shows the total amount of pay roll and the total assessments and the average rate for $100 pay roll for each year:

| Year | Total Pay Roll | Total Assessments | Average Rate per $100 |
|---|---|---|---|
| 1915 | $147,603,000 | $1,831,537 52 | $1 24 |
| 1916 | 220,840,000 | 2,361,463 20 | 1 07 |
| 1917 | 286,903,000 | 2,662,383 29 | 93 |
| 1918 | 310,450,000 | 3,303,575 83 | 1 06 |
| 1919 | 325,226,000 | 3,840,949 07 | 1 18 |
| 1920 | 464,589,000 | 5,579,333 45 | 1 20 |
| 1921 | 355,259,000 | 4,594,452 37 | 1 29 |
| 1922 | 391,888,000 | 3,984,594 64 | 1 02 |
| 1923 | 434,163,000 | 3,771,321 09 | 87 |
| 1924 | 386,318,000 | 4,524,700 86 | 1 17 |
| 1925 | 390,652,000 | 4,390,854 75 | 1 04 |
| 1926 | 424,926,000 | 5,167,126 64 | 1 22 |
| 1927 | 455,016,000 | 5,465,763 17 | 1 20 |
| 1928 | 504,102,000 | 6,739,696 80 | 1 34 |
| 1929 | 559,429,000 | 7,505,431 10 | 1 34 |
| 1930 | 472,742,000 | 6,396,105 73 | 1 35 |
| 1931 | 389,740,000 | 4,608,677 15 | 1 18 |
| 1932 | 317,605,000 | 3,292,309 25 | 1 04 |
| 1933 | 288,917,000 | 2,729,936 41 | 94 |
| 1934 | 346,735,000 | 4,192,200 35 | 1 21 |

### Final Accident Figures, 1934

Table 16 shows the number of accidents happening in 1934 (in all industries under the Act) for which payment of compensation or medical aid was made. The total number was 48,573, of which 211 were death cases, 1,790 cases involving some degree of permanent disability, 22,020 temporary disability cases, and 24,552 cases which involved medical aid only. Schedule 2 cases involving medical aid only are not included, as in these cases medical aid is furnished directly by the employer.

The complete figures for each year since the commencement of the Act are as follows:

| Year | Medical Aid Only | Temporary Disability | Permanent Disability | Death | Totals |
|---|---|---|---|---|---|
| 1915 | * | 9,311 | 1,339 | 296 | 10,946 |
| 1916 | * | 15,993 | 2,232 | 373 | 18,598 |
| 1917 | † 4,267 | 21,556 | 2,475 | 370 | 28,668 |
| 1918 | 12,822 | 24,089 | 2,624 | 366 | 39,901 |
| 1919 | 11,769 | 22,418 | 2,457 | 364 | 37,008 |
| 1920 | 15,566 | 27,423 | 2,735 | 373 | 46,097 |
| 1921 | 12,141 | 22,855 | 2,079 | 331 | 37,406 |
| 1922 | 15,913 | 24,461 | 2,082 | 325 | 42,781 |
| 1923 | 20,125 | 28,954 | 2,340 | 327 | 51,746 |
| 1924 | 20,811 | 25,980 | 2,191 | 315 | 49,297 |
| 1925 | 22,444 | 26,040 | 2,157 | 264 | 50,905 |
| 1926 | 25,330 | 27,150 | 2,421 | 308 | 55,209 |
| 1927 | 27,852 | 28,836 | 2,476 | 311 | 59,475 |
| 1928 | 31,688 | 30,440 | 2,926 | 414 | 65,468 |
| 1929 | 34,582 | 32,920 | 3,372 | 417 | 71,291 |
| 1930 | 29,189 | 25,613 | 3,147 | 394 | 58,343 |
| 1931 | 21,970 | 20,543 | 2,495 | 231 | 45,239 |
| 1932 | 17,320 | 15,466 | 1,805 | 167 | 34,758 |
| 1933 | 17,258 | 14,235 | 1,511 | 159 | 33,163 |
| 1934 | 24,552 | 22,020 | 1,790 | 211 | 48,573 |
| Totals | 365,599 | 466,303 | 46,654 | 6,316 | 884,872 |

*No medical aid. †Half year only.

### Accident Frequencies, Schedule 1

Comparison of accident frequencies can be made by correlating the number of accidents with the total number of full-year workers, data for this being available, however, only in Schedule 1. Eliminating accidents in which medical aid only was paid, the number of accidents for each 100 full-year workers for the different years are:

| Year | Temporary Disability | Permanent Disability | Death | Totals |
|---|---|---|---|---|
| 1915 | 3.63 | .58 | .12 | 4.32 |
| 1916 | 4.99 | .79 | .10 | 5.88 |
| 1917 | 5.78 | .72 | .07 | 6.57 |
| 1918 | 5.81 | .66 | .07 | 6.54 |
| 1919 | 5.81 | .68 | .07 | 6.56 |
| 1920 | 6.23 | .67 | .07 | 6.97 |
| 1921 | 6.25 | .60 | .05 | 6.90 |
| 1922 | 5.82 | .52 | .06 | 6.40 |
| 1923 | 6.02 | .51 | .05 | 6.58 |
| 1924 | 6.08 | .54 | .06 | 6.68 |
| 1925 | 5.94 | .51 | .05 | 6.50 |
| 1926 | 5.84 | .54 | .05 | 6.43 |
| 1927 | 5.94 | .53 | .05 | 6.52 |
| 1928 | 5.85 | .58 | .07 | 6.50 |
| 1929 | 5.80 | .61 | .06 | 6.47 |
| 1930 | 5.08 | .66 | .07 | 5.81 |
| 1931 | 4.28 | .56 | .04 | 4.88 |
| 1932 | 3.59 | .45 | .03 | 4.07 |
| 1933 | 3.22 | .37 | .03 | 3.62 |
| 1934 | 3.94 | .37 | .04 | 4.35 |

On the same basis of calculation, the frequency of medical aid only cases has been: 1918, 3.66; 1919, 3.70; 1920, 4.26; 1921, 4.24; 1922, 4.67; 1923, 4.96; 1924, 5.84; 1925, 6.09; 1926, 6.37; 1927, 6.73; 1928, 7.09; 1929, 7.06; 1930, 6.84; 1931, 5.72; 1932, 5.06; 1933, 4.94; and 1934, 5.65.

### Statistical Distributions

Tables 17 to 27 give statistical details regarding accidents and workmen, including, where the data is available, Schedule 2 and Crown cases as well as Schedule 1. Considerations of space preclude more extensive tabulations, but the original material is retained and still fuller information is always available concerning the accidents in any of the different classes of industry.

### Month of Occurrence

Table 17 gives the month of occurrence of all accidents. The month in which the greatest number occurred during 1934 was July, with 4,773, and the month with the lowest number was April, with 3,248.

### Accidents Assording to Locality

The distribution of accidents according to the county or district in which they occurred is contained in Table 18. York had the highest number, with 11,019; and next in order were: Temiskaming, with 5,371; Essex, with 2,266; Thunder Bay, with 2,211; and Wentworth, with 2,209. The greatest number of deaths (27) were in York; there were 25 in Temiskaming; 14 in each of Sudbury and Thunder Bay; 11 in each of Middlesex and Wentworth; and 9 in Algoma.

### Time Loss, Age and Wage

In Table 19 is given the average age and wage of workmen receiving compensation, and the total and average time loss for each class of industry, and for each catagory of disability. The average age for 1934 was 35.52 years. The average wage for 1934 was $16.86, as compared with $15.86 for 1933, and $19.49 for 1932. The total time loss in temporary disability cases was 571,382 days, or an average of 25.95 days, as compared with an average of 22.86 days in 1933, and 23.01 days in 1932.

### Compensation and Medical Aid Costs, Schedule 1

Table 20 contains the total and average cost of compensation and medical aid by classes in Schedule 1 for each kind of disability.

The total cost of all accidents was $3,904,134.13, of which $2,959,410.09 was for compensation (including payments for rehabilitation but not for silicosis cases) and $944,724.04 was for medical aid (except in silicosis cases).

Of the $2,959,410.09 compensation cost, $1,255,912.10 was for temporary disability cases, $1,106,139.61 was for permanent disability cases, and $597.358.38 was for death cases.

The average cost of temporary disability cases was $118.10, of which $78.79 was for compensation and $39.31 was for medical aid, the average in 1933 being $113.22.

The average cost of permanent disability cases was $867.53, of which $170.80 was for temporary disability, $581.16 was for permanent disability, and $115.57 was for medical aid.

The average cost of death cases, where there were dependents, was $5,454.05, and the average cost of all death cases, $4,552.92, of which $50.35 was for temporary disability, $124.41 for burial expenses, $4,283.14 for death benefits, and $95.02 for medical aid.

The average cost of all cases in which compensation was paid was $214.80, of which $168.67 was for compensation and $46.13 was for medical aid, as compared with $217.80 for 1933, and $227.71 for 1932.

The average cost of medical aid in medical aid only cases was $5.94, as compared with $5.82 in 1933, and $5.79 in 1932.

### Allegiance of Injured

Table 21 shows the allegiance of injured workers who received compensation, as taken from their own reports. There were 21,452, or over 89 per cent., of British allegiance, and 2,569 of foreign allegiance. Among the aliens the most numerous were: Finns, Poles, Russians, Italians, and Czechs.

### Sex and Marital Condition of Injured

Table 22 gives the sex and marital condition of those receiving compensation. There were 23,742 males and 279 females. Of the males, 13,971 were married, and 50 of the females. There were 347 widowers and 28 widows.

### Duration of Disability

Table 23 shows the week of termination of temporary disability cases. In nearly 41 per cent. of the cases the disability terminated in from one to two weeks. In 35 cases the disability lasted for more than a year.

### Nature of Injuries

The first part of Table 24 shows the number of various kinds of temporary disability injuries in the different classes of industry, the second part gives an anaylsis of the permanent disability cases, showing the number of injuries to the several parts of the body and the percentages of impairment of earning capacity, and the third part of the table shows the number and nature of the industrial disease cases.

For 1934 there were 6,779 cuts, lacerations, and punctures; 6,239 bruises, contusions, and abrasions; 2,642 fractures; 2,589 sprains, strains, twistings, and wrenchings; 1,229 crushes; 792 burns and scalds; 699 injuries to eyes; 164 dislocations; and 378 herniae.

Among the 1,790 permanent disabilities were 19 permanent total disability cases, and 271 exceeded ten per cent. of working capacity.

There were 55 industrial disease cases, of which 5 involved medical aid only, 27 were temporary disability cases, 10 were permanent disability cases, and 13 were death cases. Included in these totals are 24 cases of lead poisoning, 18 cases of silicosis and pneumoconiosis, 5 cases of chrome poisoning, 7 cases of benzol poisoning, and 1 case of caisson disease.

### Causes of Accidents

Table 25 gives the prime causes of accidents in 1934. Machinery was responsible for 7,476 out of a total of 48,573, or 15.39 per cent. of all cases, as compared with 19.88 per cent. in 1933, and 18.60 per cent. in 1932.

### Blood-Poisoning Cases

The number of compensation cases in which the seriousness of the accident was due to concurrent or subsequent infection rather than to the nature of the wound is shown in Table 26. There were 1,510 such cases, or 6.3 per cent. of cases compensated, including 27 cases of permanent disability and 6 deaths.

### Death Cases

The nature of awards, the number, relationship, and residence of dependants, are shown in Table 27.

## TABLE 15

## FINAL FINANCIAL STATEMENT FOR 1934, SCHEDULE 1

### BY CLASSES

| Class | Income and Credits | Expenditure and Charges | Balance for 1934 | Balance Forward Prior Years | Balanec at Dec. 31, 1934 | Class |
|---|---|---|---|---|---|---|
| | $ c. | $ c. | $ c. | $ c. | $ c. | |
| 1 | 390,189 84 | 416,038 32 | —25,848 48 | —216,025 85 | —241,874 33 | 1 |
| 2 | 209,706 30 | 210,383 00 | —676 70 | 129,835 31 | 129,158 61 | 2 |
| 3 | 54,543 41 | 53,711 06 | 832 35 | —21,481 18 | —20,648 83 | 3 |
| 4 | 100,259 55 | 132,183 45 | —31,923 90 | 3,371 37 | —28,552 53 | 4 |
| 5 | 844,863 09 | **704,162 56 | 140,700 53 | 595,955 66 | 736,656 19 | 5 |
| 6 | 105,336 71 | 114,973 52 | —9,636 81 | 127,284 32 | 117,647 51 | 6 |
| 7 | 59,895 48 | 55,343 08 | 4,552 40 | 118,893 01 | 123,445 41 | 7 |
| 8 | 111,425 07 | 119,030 08 | —7,605 01 | 44,070 72 | 36,465 71 | 8 |
| 9 | 113,533 62 | 123,523 89 | —9,990 27 | 199,785 98 | 189,795 71 | 9 |
| 10 | 231,312 88 | 224,127 97 | 7,184 91 | 109,077 62 | 116,262 53 | 10 |
| 11 | 164,456 03 | 193,420 22 | —28,964 19 | 35,280 16 | 6,315 97 | 11 |
| 12 | 166,347 12 | 140,660 39 | 25,686 73 | 44,192 93 | 69,879 66 | 12 |
| 13 | 63,946 15 | 74,142 45 | —10,196 30 | 18,083 98 | 7,887 68 | 13 |
| 14 | 53,833 50 | 55,632 53 | —1,799 03 | —14,180 13 | —15,979 16 | 14 |
| 15 | 279,015 77 | 277,592 20 | 1,423 57 | —71,478 16 | —70,054 59 | 15 |
| 16 | 96,702 27 | 91,058 82 | 5,643 45 | 64,764 09 | 70,407 54 | 16 |
| 17 | 72,774 09 | 76,001 28 | —3,227 19 | 63,934 11 | 60,706 92 | 17 |
| 18 | 90,019 68 | 94,169 47 | —4,149 79 | 20,235 80 | 16,086 01 | 18 |
| 19 | 67,055 93 | 84,788 27 | —17,732 34 | 16,372 95 | —1,359 39 | 19 |
| 20 | 270,500 26 | 236,935 96 | 33,564 30 | 10,569 53 | 44,133 83 | 20 |
| 21 | 283,245 64 | 280,600 17 | 2,645 47 | 92,751 40 | 95,396 87 | 21 |
| 22 | 59,730 17 | 53,069 61 | 6,660 56 | 49,718 17 | 56,378 73 | 22 |
| 23 | 100,473 38 | 99,021 53 | 1,451 85 | 253,886 98 | 255,338 83 | 23 |
| 24 | 342,436 39 | 389,745 34 | —47,308 95 | —85,025 90 | —132,334 85 | 24 |
| | †4,331,602 33 | *4,300,315 17 | 31,287 16 | 1,589,872 87 | 1,621,160 03 | |

†Includes $6,470.16 reimbursement from D.P. & N.H.; Disaster Reserve (Class 24), $250.00.
*Includes $4,473.72 for Rehabilitation.
**Includes $11,403.09 for Mine Rescue Work.

## TABLE 15—Continued

### BY GROUPS

| Assessments and Compensation | | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| Group and Class | Assessments | Compensation and Medical Aid | Interest, Secs. 8, 105, 112 (3), etc. | Administration Expenses and Safety Assns. | Balance Forward Prior Years | Balance at December 31, 1934 |
| | $ c | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 010 | 202,758 48 | 186,108 09 | | | | |
| " 011 | 73,566 66 | 58,693 87 | | | | |
| " 012 | 112,720 95 | 129,931 32 | | | | |
| Class 1 | 389,046 09 | 374,733 28 | 1,143 75 | 41,305 04 | —216,025 85 | —241,874 33 |
| Group 020 | 102,701 43 | 83,450 44 | | | | |
| " 021 | 17,599 99 | 14,430 78 | | | | |
| " 022 | 81,482 37 | 85,550 97 | | | | |
| Class 2 | 201,783 79 | 183,432 19 | 7,922 51 | 26,950 81 | 129,835 31 | 129,158 61 |
| Group 030 | 34,319 48 | 36,627 45 | | | | |
| " 031 | 5,749 76 | 3,533 85 | | | | |
| " 032 | 2,757 87 | 1,036 90 | | | | |
| " 033 | 11,610 13 | 6,428 22 | | | | |
| Class 3 | 54,437 24 | 47,626 42 | 106 17 | 6,084 64 | —21,481 18 | —20,648 83 |
| Group 040 | 60,779 42 | 86,414 17 | | | | |
| " 041 | 15,043 08 | 13,090 01 | | | | |
| " 042 | 7,679 54 | 5,820 54 | | | | |
| " 043 | 4,247 80 | 4,010 43 | | | | |
| " 044 | 12,338 29 | 11,953 45 | | | | |
| Class 4 | 100,088 13 | 121,288 60 | 171 42 | 10,894 85 | 3,371 37 | —28,552 53 |
| Group 050 | 8,441 47 | 10,070 52 | | | | |
| " 051 | 473,122 76 | 422,530 92 | | | | |
| " 052 | 249,152 89 | 146,896 86 | | | | |
| " 053 | 25,464 35 | 35,652 57 | | | | |
| " 054 | .................. | 100 00 | | | | |
| " 055 | 24,238 82 | 20,694 25 | | | | |
| " 056 | 26,977 01 | 7,264 40 | | | | |
| " 057 | 2,658 21 | 72 00 | | | | |
| Class 5 | 810,055 51 | 643,281 52 | 34,807 58 | 60,881 04 | 595,955 66 | 736,656 19 |
| Group 060 | 8,507 92 | 6,163 73 | | | | |
| " 061 | 24,078 88 | 24,743 93 | | | | |
| " 062 | 5,994 40 | 4,702 13 | | | | |
| " 063 | 17,287 43 | 13,645 93 | | | | |
| " 064 | 16,977 59 | 8,445 11 | | | | |
| " 065 | 12,810 93 | 30,078 34 | | | | |
| " 066 | 10,758 58 | 15,331 22 | | | | |
| Class 6 | 96,415 73 | 103,110 39 | 8,920 98 | 11,863 13 | 127,284 32 | 117,647 51 |
| Group 070 | 36,156 86 | 36,519 90 | | | | |
| " 071 | 17,007 88 | 13,730 21 | | | | |
| Class 7 | 53,164 74 | 50,250 11 | 6,730 74 | 5,092 97 | 118,893 01 | 123,445 41 |
| Group 080 | 35,464 34 | 34,772 61 | | | | |
| " 081 | 9,502 26 | 8,428 58 | | | | |
| " 082 | 47,557 76 | 49,058 00 | | | | |
| " 083 | 15,962 98 | 16,692 24 | | | | |
| Class 8 | 108,487 34 | 108,951 43 | 2,937 73 | 10,078 65 | 44,070 72 | 36,465 71 |

## TABLE 15—Continued

## BY GROUPS

| Assessments and Compensation | | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| Group and Class | Assessments | Compensation and Medical Aid | Interest, Secs. 8, 105, 112 (3), etc. | Administration Expenses and Safety Assns. | Balance Forward Prior Years | Balance at December 31, 1934 |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 090 | 8,925 00 | 13,115 56 | | | | |
| " 091 | 10,979 32 | 19,060 24 | | | | |
| " 092 | 1,147 68 | 3,095 23 | | | | |
| " 093 | 3,696 88 | 10,653 86 | | | | |
| " 094 | 72,397 27 | 60,202 02 | | | | |
| " 095 | 5,644 02 | 5,074 06 | | | | |
| Class 9 | 102,790 17 | 111,200 97 | 10,743 45 | 12,322 92 | 199,785 98 | 189,795 71 |
| Group 100 | 45,140 69 | 42,444 81 | | | | |
| " 101 | 68,914 95 | 54,687 93 | | | | |
| " 102 | 26,837 62 | 37,219 98 | | | | |
| " 103 | 22,573 86 | 16,842 62 | | | | |
| " 104 | 15,280 17 | 12,452 95 | | | | |
| " 105 | 12,817 22 | 12,930 12 | | | | |
| " 106 | 24,945 26 | 13,386 41 | | | | |
| " 107 | 5,570 72 | 7,443 92 | | | | |
| Class 10 | 222,080 49 | 197,408 74 | 9,232 39 | 26,719 23 | 109,077 62 | 116,262 53 |
| Group 110 | 30,221 33 | 23,227 17 | | | | |
| " 111 | 124,940 15 | 144,664 32 | | | | |
| " 112 | 5,496 29 | 6,692 79 | | | | |
| " 113 | 2,076 50 | 2,012 64 | | | | |
| Class 11 | 162,734 27 | 176,596 92 | 1,721 76 | 16,823 30 | 35,280 16 | 6,315 97 |
| Group 120 | 46,521 61 | 33,498 23 | | | | |
| " 121 | 59,987 44 | 46,982 72 | | | | |
| " 122 | 30,072 40 | 22,682 67 | | | | |
| " 123 | 8,426 68 | 7,769 60 | | | | |
| " 124 | 17,039 29 | 12,701 34 | | | | |
| Class 12 | 162,047 42 | 123,634 56 | 4,299 70 | 17,025 83 | 44,192 93 | 69,879 66 |
| Group 130 | 37,217 38 | 48,182 69 | | | | |
| " 131 | 24,050 60 | 22,331 44 | | | | |
| Class 13 | 61,267 98 | 70,514 13 | 2,678 17 | 3,628 32 | 18,083 98 | 7,887 68 |
| Group 140 | 53,831 50 | 49,476 00 | | | | |
| Class 14 | 53,831 50 | 49,476 00 | 2 00 | 6,156 53 | —14,180 13 | —15,979 16 |
| Group 150 | 102,393 35 | 82,012 48 | | | | |
| " 151 | 53,359 89 | 46,838 16 | | | | |
| " 152 | 18,532 09 | 19,168 89 | | | | |
| " 153 | 38,536 88 | 33,768 89 | | | | |
| " 154 | 21,042 40 | 36,618 25 | | | | |
| " 155 | 37,179 77 | 22,978 63 | | | | |
| " 156 | 6,802 88 | 4,329 41 | | | | |
| Class 15 | 277,847 26 | 245,714 71 | 1,168 51 | 31,877 49 | —71,478 16 | —70,054 59 |
| Group 160 | 33,103 77 | 26,724 70 | | | | |
| " 161 | 16,371 99 | 18,683 14 | | | | |
| " 162 | 6,838 33 | 3,994 16 | | | | |
| " 163 | 19,795 60 | 15,603 97 | | | | |
| " 164 | 17,141 37 | 16,317 74 | | | | |
| Class 16 | 93,251 06 | 81,323 71 | 3,451 21 | 9,735 11 | 64,764 09 | 70,407 54 |

## TABLE 15—Continued

## BY GROUPS

| Assessments and Compensation | | | Other Credits and Charges | | | |
|---|---|---|---|---|---|---|
| Group and Class | Assessments | Compensation and Medical Aid | Interest, Secs. 8, 105, 112 (3), etc. | Administration Expenses and Safety Assns. | Balance Forward Prior Years | Balance at December 31, 1934 |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| Group 170 | 34,808 81 | 31,713 41 | | | | |
| " 171 | 24,208 56 | 23,485 61 | | | | |
| " 172 | 9,141 10 | 10,544 74 | | | | |
| Class 17 | 68,158 47 | 65,743 76 | 4,615 62 | 10,257 52 | 63,934 11 | 60,706 92 |
| Group 180 | 61,734 50 | 65,816 04 | | | | |
| " 181 | 26,287 82 | 18,158 93 | | | | |
| Class 18 | 88,022 32 | 83,974 97 | 1,997 36 | 10,194 50 | 20,235 80 | 16,086 01 |
| Group 190 | 24,313 24 | 24,711 39 | | | | |
| " 191 | 25,646 68 | 37,215 51 | | | | |
| " 192 | 8,216 22 | 7,127 44 | | | | |
| " 193 | 7,290 84 | 7,628 08 | | | | |
| Class 19 | 65,466 98 | 76,682 42 | 1,588 95 | 8,105 85 | 16,372 95 | —1,359 39 |
| Group 200 | 176,377 90 | 140,351 01 | | | | |
| " 201 | 86,544 91 | 82,070 10 | | | | |
| Class 20 | 262,922 81 | 222,421 11 | 7,577 45 | 14,514 85 | 10,569 53 | 44,133 83 |
| Group 210 | 209,856 21 | 182,479 49 | | | | |
| " 211 | 67,641 84 | 84,104 93 | | | | |
| Class 21 | 277,498 05 | 266,584 42 | 5,747 59 | 14,015 75 | 92,751 40 | 95,396 87 |
| Group 220 | 55,877 76 | 42,645 51 | | | | |
| Class 22 | 55,877 76 | 42,645 51 | 3,852 41 | 10,424 10 | 49,718 17 | 56,378 73 |
| Group 230 | 16,477 01 | 22,574 85 | | | | |
| " 231 | 30,229 56 | 28,556 88 | | | | |
| " 232 | 42,170 10 | 40,127 26 | | | | |
| Class 23 | 88,876 67 | 91,258 99 | 11,596 71 | 7,762 54 | 253,886 98 | 255,338 83 |
| Group 240 | 26,506 87 | 43,516 78 | | | | |
| " 241 | 4,675 58 | 13,832 36 | | | | |
| " 242 | 20,103 72 | 38,736 99 | | | | |
| " 243 | 8,677 59 | 16,453 84 | | | | |
| " 244 | 38,673 57 | 52,609 98 | | | | |
| " 245 | 36,491 93 | 35,984 83 | | | | |
| " 246 | 17,439 55 | 22,754 30 | | | | |
| " 247 | 13,805 61 | 14,529 33 | | | | |
| " 248 | 165,330 76 | 121,916 61 | | | | |
| " 249 | 4,343 39 | 5,944 25 | | | | |
| Class 24 | 336,048 57 | 366,279 27 | 6,387 82 | 23,466 07 | —85,025 90 | —132,334 85 |
| Schedule 1 | 4,192,200 35 | *3,904,134 13 | †139,401 98 | **396,181 04 | 1,589,872 87 | 1,621,160 03 |

†Includes $6,470.16 reimbursement from D.P. & N.H.; Disaster Reserve (Class 24), $250.00.
*Includes $4,473.72 for Rehabilitation.
**Includes $11,403.09 for Mine Rescue Work.

## TABLE 16

## NUMBER OF ACCIDENTS IN 1934 INVOLVING PAYMENT

| Class | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| 1 | 546 | 2,151 | 174 | 13 | 2,884 |
| 2 | 1,146 | 1,150 | 60 | 6 | 2,362 |
| 3 | 323 | 223 | 47 | 1 | 594 |
| 4 | 641 | 402 | 79 | 4 | 1,126 |
| 5 | 2,377 | 1,712 | 183 | 38 | 4,310 |
| 6 | 296 | 249 | 25 | 3 | 573 |
| 7 | 233 | 85 | 23 | 1 | 342 |
| 8 | 801 | 334 | 34 | 6 | 1,175 |
| 9 | 1,048 | 345 | 57 | 2 | 1,452 |
| 10 | 2,602 | 884 | 152 | 2 | 3,640 |
| 11 | 2,738 | 731 | 87 | 3 | 3,559 |
| 12 | 810 | 498 | 35 | 3 | 1,346 |
| 13 | 214 | 168 | 24 | 2 | 408 |
| 14 | 420 | 172 | 21 | 1 | 614 |
| 15 | 1,960 | 1,312 | 82 | 9 | 3,363 |
| 16 | 649 | 320 | 46 | 3 | 1,018 |
| 17 | 777 | 423 | 30 | 2 | 1,232 |
| 18 | 970 | 563 | 28 | 1 | 1,562 |
| 19 | 656 | 334 | 39 | 1 | 1,030 |
| 20 | 797 | 1,033 | 64 | 6 | 1,900 |
| 21 | 987 | 1,317 | 82 | 11 | 2,397 |
| 22 | 139 | 98 | 8 | 2 | 247 |
| 23 | 363 | 338 | 23 | 8 | 732 |
| 24 | 1,289 | 1,099 | 74 | 11 | 2,473 |
| Schedule 2 | 5 | 1,503 | 86 | 36 | 1,630 |
| Crown Cases | 1,765 | 4,576 | 227 | 36 | 6,604 |
| TOTALS | 24,552 | 22,020 | 1,790 | 211 | 48,573 |

## TABLE 17

## MONTH OF OCCURRENCE OF ACCIDENTS, 1934

| Month of Occurrence | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| January | 1,596 | 1,617 | 158 | 17 | 3,388 |
| February | 1,616 | 1,691 | 163 | 20 | 3,490 |
| March | 1,740 | 1,629 | 163 | 16 | 3,548 |
| April | 1,820 | 1,284 | 137 | 7 | 3,248 |
| May | 2,386 | 1,647 | 157 | 23 | 4,213 |
| June | 2,457 | 2,037 | 173 | 16 | 4,683 |
| July | 2,421 | 2,192 | 141 | 19 | 4,773 |
| August | 2,231 | 2,029 | 152 | 15 | 4,427 |
| September | 2,106 | 1,981 | 137 | 15 | 4,239 |
| October | 2,285 | 2,028 | 155 | 27 | 4,495 |
| November | 2,080 | 1,975 | 139 | 19 | 4,213 |
| December | 1,814 | 1,910 | 115 | 17 | 3,856 |
| TOTALS | 24,552 | 22,020 | 1,790 | 211 | 48,573 |

## TABLE 18

## LOCALITY OF ACCIDENTS, 1934

| County or District | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| Algoma | 419 | 791 | 57 | 9 | 1,276 |
| Brant | 455 | 212 | 34 | .... | 701 |
| Bruce | 72 | 130 | 14 | 1 | 217 |
| Carleton | 541 | 706 | 49 | 8 | 1,304 |
| Dufferin | 36 | 34 | 4 | 1 | 75 |
| Dundas | 37 | 52 | 1 | 1 | 91 |
| Durham | 107 | 57 | 7 | .... | 171 |
| Elgin | 122 | 174 | 15 | 2 | 313 |
| Essex | 1,714 | 482 | 63 | 7 | 2,266 |
| Frontenac | 361 | 398 | 38 | 1 | 798 |
| Glengarry | 32 | 31 | 3 | .... | 66 |
| Grenville | 60 | 68 | 6 | 1 | 135 |
| Grey | 204 | 211 | 28 | 1 | 444 |
| Haldimand | 73 | 74 | 10 | 3 | 160 |
| Haliburton | 137 | 155 | 10 | 1 | 303 |
| Halton | 172 | 131 | 17 | 1 | 321 |
| Hastings | 338 | 689 | 56 | 1 | 1,084 |
| Huron | 82 | 96 | 7 | 1 | 186 |
| Kenora | 260 | 962 | 35 | 5 | 1,262 |
| Kent | 296 | 185 | 22 | 1 | 504 |
| Lambton | 232 | 182 | 11 | 2 | 427 |
| Lanark | 143 | 178 | 16 | 4 | 341 |
| Leeds | 155 | 121 | 11 | .... | 287 |
| Lennox-Addington | 22 | 45 | 5 | 1 | 73 |
| Lincoln | 552 | 267 | 31 | 2 | 852 |
| Manitoulin | 7 | 43 | 4 | .... | 54 |
| Middlesex | 405 | 533 | 38 | 11 | 987 |
| Muskoka | 150 | 199 | 12 | 3 | 364 |
| Nipissing | 260 | 604 | 25 | 8 | 897 |
| Norfolk | 110 | 66 | 8 | .... | 184 |
| Northumberland | 67 | 88 | 7 | .... | 162 |
| Ontario | 182 | 205 | 20 | 2 | 409 |
| Oxford | 955 | 174 | 25 | .... | 1,154 |
| Parry Sound | 110 | 336 | 17 | 2 | 465 |
| Patricia | 42 | 82 | 5 | 5 | 134 |
| Peel | 92 | 101 | 1 | 3 | 197 |
| Perth | 173 | 173 | 9 | 1 | 356 |
| Peterborough | 413 | 307 | 27 | 2 | 749 |
| Prescott | 76 | 73 | 8 | .... | 157 |
| Prince Edward | 24 | 32 | 3 | .... | 59 |
| Rainy River | 156 | 308 | 12 | 1 | 477 |
| Renfrew | 303 | 544 | 35 | 4 | 886 |
| Russell | 4 | 12 | .... | .... | 16 |
| Simcoe | 378 | 385 | 26 | 1 | 790 |
| Stormont | 238 | 372 | 17 | 4 | 631 |
| Sudbury | 299 | 619 | 93 | 14 | 1,025 |
| Temiskaming | 2,938 | 2,250 | 158 | 25 | 5,371 |
| Thunder Bay | 578 | 1,529 | 90 | 14 | 2,211 |
| Victoria | 196 | 240 | 16 | 4 | 456 |
| Waterloo | 902 | 449 | 60 | 3 | 1,414 |
| Welland | 834 | 470 | 43 | 6 | 1,353 |
| Wellington | 373 | 254 | 25 | 4 | 656 |
| Wentworth | 1,393 | 717 | 88 | 11 | 2,209 |
| York | 6,256 | 4,369 | 367 | 27 | 11,019 |
| Not in Ontario | 16 | 55 | 1 | 2 | 74 |
| TOTALS | 24,552 | 22,020 | 1,790 | 211 | 48,573 |

## TABLE 19

## TIME LOSS, AVERAGE AGE, AND AVERAGE WAGE, 1934

| Class | TIME LOSS* | | | | | | AGE | WAGE |
|---|---|---|---|---|---|---|---|---|
| | Temporary Disability | | Permanent Disability | | Death Cases | | All Cases | All Cases |
| | Total Days | Average Days | Total Days | Average Days | Total Days | Average Days | Average Age (Years) | Average Weekly Wage |
| | | | | | | | | $ c. |
| 1 | 61,069 | 28.39 | 13,774 | 79.16 | 14 | 1.08 | 33.61 | 13 06 |
| 2 | 25,640 | 22.30 | 3,489 | 58.15 | 0 | 0 | 34.08 | 16 71 |
| 3 | 4,504 | 20.20 | 2,467 | 52.49 | 10 | 10.00 | 36.26 | 13 80 |
| 4 | 8,623 | 21.45 | 4,980 | 63.04 | 6 | 1.50 | 36.28 | 13 55 |
| 5 | 46,051 | 26.90 | 17,801 | 97.27 | 3,429 | 90.24 | 33.60 | 29 12 |
| 6 | 6,036 | 24.24 | 4,303 | 172.12 | 949 | 316.33 | 37.51 | 15 25 |
| 7 | 3,047 | 35.85 | 2,213 | 96.22 | 0 | 0 | 40.03 | 17 83 |
| 8 | 7,569 | 22.66 | 4,709 | 138.50 | 1,453 | 242.17 | 39.10 | 16 02 |
| 9 | 7,682 | 22.27 | 4,994 | 87.61 | 0 | 0 | 39.51 | 17 02 |
| 10 | 17,928 | 20.28 | 10,253 | 67.45 | 241 | 120.50 | 33.89 | 16 90 |
| 11 | 17,675 | 24.18 | 5,287 | 60.77 | 26 | 8.67 | 35.03 | 20 24 |
| 12 | 13,958 | 28.03 | 3,214 | 91.83 | 7 | 2.33 | 36.82 | 19 79 |
| 13 | 5,758 | 34.27 | 2,649 | 110.38 | 33 | 16.50 | 41.60 | 18 00 |
| 14 | 3,388 | 19.70 | 1,493 | 71.10 | 3 | 3.00 | 36.40 | 17 94 |
| 15 | 30,971 | 23.61 | 7,098 | 86.56 | 24 | 2.67 | 33.58 | 17 40 |
| 16 | 5,942 | 18.57 | 3,476 | 75.57 | 39 | 13.00 | 34.76 | 16 79 |
| 17 | 9,019 | 21.32 | 2,891 | 96.37 | 0 | 0 | 32.93 | 15 03 |
| 18 | 10,856 | 19.28 | 2,310 | 82.50 | 6 | 6.00 | 30.47 | 15 61 |
| 19 | 7,779 | 23.29 | 2,516 | 64.51 | 0 | 0 | 33.45 | 18 52 |
| 20 | 28,326 | 27.42 | 6,447 | 100.73 | 5 | .83 | 35.68 | 15 83 |
| 21 | 37,074 | 28.15 | 8,469 | 103.28 | 60 | 5.45 | 34.85 | 14 75 |
| 22 | 2,328 | 23.76 | 1,709 | 213.63 | 0 | 0 | 40.15 | 21 39 |
| 23 | 9,463 | 28.00 | 3,357 | 145.96 | 0 | 0 | 35.74 | 16 06 |
| 24 | 32,659 | 29.72 | 13,215 | 178.58 | 11 | 1.00 | 37.73 | 18 18 |
| Schedule 2 | 50,736 | 33.76 | 12,280 | 142.79 | 5 | .14 | 42.36 | 20 32 |
| Crown........ | 117,301 | 25.63 | 27,270 | 120.13 | 1,247 | 34.64 | 35.49 | 13 11 |
| ALL ........... | 571,382 | 25.95 | 172,664 | 96.46 | 7,568 | 35.87 | 35.52 | 16 86 |

*This does not include loss of man power by permanent impairment or death.

## TABLE 20

## TOTAL AND AVERAGE COMPENSATION AND MEDICAL AID COSTS, 1934, SCHEDULE 1, BY CLASSES

### Compensation Costs

| Class | Temporary Disability Cases | | Permanent Disability Cases | | | | Death Cases | | | | | | ALL CASES | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | For Temporary Disabiilty | | For Temporary Disabiilty | | For Permanent Disabiilty | | For Temporary Disability | | For Death Benefits | | For Funeral Expenses | | | |
| | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1 | 164,985 69 | 76 70 | 23,598 55 | 135 62 | 57,154 91 | 328 48 | 28 12 | 2 16 | 20,084 00 | 1,544 92 | 1,625 00 | 125 00 | 267,476 27 | 114 40 |
| 2 | 58,254 98 | 50 66 | 7,100 87 | 118 35 | 29,032 39 | 483 87 | 0 | 0 | 43,444 40 | 7,240 73 | 750 00 | 125 00 | 138,582 64 | 113 97 |
| 3 | 9,819 79 | 44 03 | 4,678 43 | 99 54 | 13,163 24 | 280 07 | 24 29 | 24 29 | 8,744 00 | 8,744 00 | 125 00 | 125 00 | 36,554 75 | 134 89 |
| 4 | 35,008 46 | 87 09 | 10,042 05 | 127 11 | 36,563 85 | 462 83 | 11 22 | 2 81 | 16,683 00 | 4,170 75 | 500 00 | 125 00 | 98,808 58 | 203 73 |
| 5 | 177,634 67 | 103 76 | 41,313 94 | 233 41 | 193,145 98 | 1,091 22 | 238 37 | 7 22 | 106,521 00 | 3,227 91 | 4,090 00 | 123 94 | 522,943 96 | 272 08 |
| 6 | 30,521 37 | 122 58 | 5,074 16 | 202 97 | 28,661 70 | 1,146 47 | 201 25 | 67 08 | 19,568 00 | 6,522 67 | 375 00 | 125 00 | 84,401 48 | 304 70 |
| 7 | 8,185 33 | 96 30 | 4,815 40 | 209 37 | 23,717 28 | 1,031 19 | 0 | 0 | 4,983 00 | 4,983 00 | 125 00 | 125 00 | 41,826 01 | 383 72 |
| 8 | 12,053 82 | 36 09 | 6,368 75 | 187 32 | 29,603 82 | 870 70 | 5,176 10 | 862 68 | 30,150 00 | 5,025 00 | 742 00 | 123 67 | 84,094 49 | 224 85 |
| 9 | 35,318 23 | 102 37 | 8,709 07 | 152 79 | 27,844 82 | 488 51 | 0 | 0 | 13,215 00 | 6,607 50 | 228 50 | 114 25 | 85,315 62 | 211 18 |
| 10 | 43,546 06 | 49 26 | 20,638 43 | 135 78 | 72,040 74 | 473 95 | 501 04 | 250 52 | 4,263 00 | 2,131 50 | 250 00 | 125 00 | 141,239 27 | 136 07 |
| 11 | 54,483 94 | 74 53 | 13,047 51 | 149 97 | 35,779 26 | 411 26 | 96 56 | 32 19 | 20,086 00 | 6,695 33 | 375 00 | 125 00 | 123,868 27 | 150 87 |
| 12 | 42,623 00 | 85 59 | 5,897 48 | 168 50 | 14,804 00 | 422 97 | 18 47 | 6 16 | 19,978 00 | 6,659 33 | 375 00 | 125 00 | 83,695 95 | 156 15 |
| 13 | 24,072 60 | 143 29 | 4,564 32 | 190 18 | 17,233 50 | 718 06 | 66 88 | 33 44 | 12,477 00 | 6,238 50 | 250 00 | 125 00 | 58,664 30 | 302 39 |
| 14 | 15,581 85 | 90 59 | 3,537 92 | 168 47 | 13,582 11 | 646 77 | 5 21 | 5 21 | 1,305 00 | 1,305 00 | 125 00 | 125 00 | 34,137 09 | 175 96 |
| 15 | 90,280 46 | 68 81 | 14,782 58 | 180 28 | 20,510 67 | 250 13 | 58 44 | 6 49 | 55,642 24 | 6,182 47 | 1,125 00 | 125 00 | 182,399 39 | 130 01 |
| 16 | 23,732 95 | 74 17 | 7,115 36 | 154 68 | 22,551 00 | 490 24 | 60 04 | 20 01 | 8,720 00 | 2,906 67 | 375 00 | 125 00 | 62,554 35 | 169 52 |
| 17 | 21,248 62 | 50 23 | 5,537 00 | 184 57 | 12,957 95 | 431 93 | 0 | 0 | 4,224 00 | 2,112 00 | 250 00 | 125 00 | 44,217 57 | 97 18 |
| 18 | 37,485 14 | 66 58 | 3,099 43 | 110 69 | 13,427 30 | 479 55 | 12 50 | 12 50 | 5,029 00 | 5,029 00 | 125 00 | 125 00 | 59,178 37 | 99 96 |
| 19 | 23,336 48 | 69 87 | 4,379 25 | 112 29 | 23,491 88 | 602 36 | 0 | 0 | 6,844 00 | 6,844 00 | 125 00 | 125 00 | 58,176 61 | 155 55 |
| 20 | 81,648 61 | 79 04 | 12,209 52 | 190 77 | 35,746 00 | 558 53 | 12 01 | 2 00 | 29,611 00 | 4,935 17 | 750 00 | 125 00 | 159,977 14 | 145 04 |
| 21 | 97,957 92 | 74 38 | 15,188 47 | 185 23 | 45,076 63 | 549 72 | 213 02 | 19 37 | 41,908 00 | 3,809 82 | 1,375 00 | 125 00 | 201,719 04 | 143 06 |
| 22 | 17,107 94 | 174 57 | 3,837 62 | 479 70 | 5,666 00 | 708 25 | 0 | 0 | 6,645 00 | 3,322 50 | 250 00 | 125 00 | 33,506 56 | 310 25 |
| 23 | 17,618 64 | 52 13 | 3,991 44 | 173 54 | 16,017 32 | 696 41 | 0 | 0 | 35,942 00 | 4,492 75 | 1,000 00 | 125 00 | 74,569 40 | 202 09 |
| 24 | 133,405 55 | 121 39 | 21,721 33 | 293 53 | 67,118 38 | 907 01 | 23 47 | 2 13 | 57,874 00 | 5,261 27 | 1,360 25 | 123 66 | 281,502 98 | 237 76 |
| ALL | 1,255,912 10 | 78 79 | 251,248 88 | 170 80 | 854,890 73 | 581 16 | 6,746 99 | 50 35 | 573,940 64 | 4,283 14 | 16,670 75 | 124 41 | 2,959,410 09 | 168 67 |

## TABLE 20—Continued

### Medical Aid Costs

| Class | When Medical Aid Only | | In Temporary Disability Cases | | In Permanent Disability Cases | | In Death Cases | | FOR ALL CASES | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Total | Average | Total | Average | Total | Average | Total | Average | Total | Average |
| | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. | $ c. |
| 1 | 3,438 00 | 6 30 | 83,926 02 | 39 02 | 19,618 99 | 112 75 | 274 00 | 21 08 | 107,257 01 | 37 19 |
| 2 | 6,284 90 | 5 48 | 33,501 36 | 29 13 | 5,027 29 | 83 79 | 36 00 | 6 00 | 44,849 55 | 18 99 |
| 3 | 1,743 75 | 5 40 | 4,807 89 | 21 56 | 4,381 63 | 93 23 | 138 40 | 138 40 | 11,071 67 | 18 64 |
| 4 | 3,599 30 | 5 62 | 12,000 39 | 29 85 | 6,574 43 | 83 22 | 305 90 | 76 48 | 22,480 02 | 19 96 |
| 5 | 13,752 70 | 5 79 | 79,648 76 | 46 52 | 24,695 30 | 139 52 | 2,240 80 | 67 90 | 120,337 56 | 27 99 |
| 6 | 1,998 00 | 6 75 | 12,920 08 | 51 89 | 3,765 33 | 150 61 | 25 50 | 8 50 | 18,708 91 | 32 65 |
| 7 | 1,692 20 | 7 26 | 3,477 70 | 40 91 | 3,251 20 | 141 36 | 3 00 | 3 00 | 8,424 10 | 24 63 |
| 8 | 3,667 30 | 4 58 | 12,752 03 | 38 18 | 4,429 15 | 130 27 | 4,008 46 | 668 08 | 24,856 94 | 21 15 |
| 9 | 5,444 30 | 5 19 | 14,148 35 | 41 01 | 6,279 70 | 110 17 | 13 00 | 6 50 | 25,885 35 | 17 83 |
| 10 | 14,333 92 | 5 51 | 27,886 25 | 31 55 | 13,036 05 | 85 76 | 913 25 | 456 63 | 56,169 47 | 15 43 |
| 11 | 17,954 35 | 6 56 | 27,965 90 | 38 26 | 6,241 55 | 71 74 | 566 85 | 188 95 | 52,728 65 | 14 82 |
| 12 | 5,558 65 | 6 86 | 30,274 20 | 60 79 | 3,956 26 | 113 04 | 149 50 | 49 83 | 39,938 61 | 29 67 |
| 13 | 1,142 75 | 5 34 | 7,965 19 | 47 41 | 2,664 89 | 111 04 | 77 00 | 38 50 | 11,849 83 | 29 04 |
| 14 | 2,921 80 | 6 96 | 8,882 98 | 51 65 | 3,419 48 | 162 83 | 114 65 | 114 65 | 15,338 91 | 24 98 |
| 15 | 12,398 47 | 6 33 | 41,648 00 | 31 74 | 8,859 65 | 108 04 | 409 20 | 45 47 | 63,315 32 | 18 83 |
| 16 | 4,749 50 | 7 32 | 8,096 76 | 25 30 | 4,431 02 | 96 33 | 1,492 08 | 497 36 | 18,769 36 | 18 44 |
| 17 | 4,363 80 | 5 62 | 14,188 80 | 33 54 | 2,946 59 | 98 22 | 27 00 | 13 50 | 21,526 19 | 17 47 |
| 18 | 5,443 85 | 5 61 | 16,534 07 | 29 37 | 2,812 68 | 100 45 | 6 00 | 6 00 | 24,796 60 | 15 87 |
| 19 | 4,206 40 | 6 41 | 9,901 03 | 29 64 | 4,328 38 | 110 98 | 70 00 | 70 00 | 18,505 81 | 17 97 |
| 20 | 4,931 94 | 6 19 | 49,133 50 | 47 56 | 8,213 38 | 128 33 | 165 15 | 27 53 | 62,443 97 | 32 87 |
| 21 | 5,272 93 | 5 34 | 48,196 35 | 36 60 | 10,357 75 | 126 31 | 1,038 35 | 94 40 | 64,865 38 | 27 06 |
| 22 | 902 00 | 6 49 | 4,889 75 | 49 90 | 3,330 45 | 416 31 | 16 75 | 8 38 | 9,138 95 | 37 00 |
| 23 | 2,084 70 | 5 74 | 12,321 86 | 36 46 | 2,243 03 | 97 52 | 40 00 | 5 00 | 16,689 59 | 22 80 |
| 24 | 7,387 00 | 5 73 | 61,647 65 | 56 09 | 15,140 29 | 204 60 | 601 35 | 54 67 | 84,776 29 | 34 28 |
| ALL..... | 135,272 51 | 5 94 | 626,714 87 | 39 31 | 170,004 47 | 115 57 | 12,732 19 | 95 02 | 944,724 04 | 23 43 |

## TABLE 21

## ALLEGIANCE OF INJURED WORKERS, 1934

| Allegiance to | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|
| Argentine | 2 | ........ | ........ | 2 |
| Austria | 137 | 10 | 4 | 151 |
| Belgium | 17 | ........ | ........ | 17 |
| Brazil | 2 | ........ | ........ | 2 |
| Bulgaria | 9 | 1 | ........ | 10 |
| Chile | ........ | ........ | 2 | 2 |
| China | 4 | ........ | ........ | 4 |
| Czecho-Slovakia | 231 | 18 | 4 | 253 |
| Denmark | 19 | 2 | ........ | 21 |
| Esthonia | 2 | ........ | ........ | 2 |
| Finland | 474 | 30 | 7 | 511 |
| France | 45 | 4 | ........ | 49 |
| Germany | 60 | 3 | ........ | 63 |
| Great Britain | 19,653 | 1,615 | 184 | 21,452 |
| Greece | 7 | ........ | ........ | 7 |
| Holland | 8 | 2 | ........ | 10 |
| Italy | 249 | 24 | 4 | 277 |
| Jugo-Slavia | 80 | 7 | ........ | 87 |
| Lithuania | 15 | ........ | ........ | 15 |
| Norway | 38 | 3 | ........ | 41 |
| Persia | 7 | ........ | ........ | 7 |
| Poland | 413 | 33 | 4 | 450 |
| Roumania | 30 | 3 | ........ | 33 |
| Russia | 350 | 21 | ........ | 371 |
| Spain | 2 | 1 | ........ | 3 |
| Sweden | 118 | 6 | 1 | 125 |
| Switzerland | 1 | ........ | ........ | 1 |
| Turkey | 6 | ........ | ........ | 6 |
| United States | 41 | 7 | 1 | 49 |
| TOTALS | 22,020 | 1,790 | 211 | 24,021 |

### TABLE 22

## SEX AND MARITAL CONDITION OF INJURED WORKERS, 1934

| Sex and Marital Condition | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|
| Males— | | | | |
| Married | 12,672 | 1,145 | 154 | 13,971 |
| Single | 8,712 | 584 | 48 | 9,344 |
| Widowed | 315 | 29 | 3 | 347 |
| Not specified | 70 | 5 | 5 | 80 |
| Totals | 21,769 | 1,763 | 210 | 23,742 |
| Females— | | | | |
| Married | 45 | 5 | .... | 50 |
| Single | 181 | 16 | 1 | 198 |
| Widowed | 23 | 5 | .... | 28 |
| Not specified | 2 | 1 | ...... | 3 |
| Totals | 251 | 27 | 1 | 279 |
| GRAND TOTALS | 22,020 | 1,790 | 211 | 24,021 |

### TABLE 23

## WEEK OF TERMINATION OF TEMPORARY DISABILITIES, 1934

In 8,987 cases the disability terminated in 1 to 2 weeks after the accident.
“ 4,139 “ “ “ “ 2 “ 3 “ “ “ “
“ 2,562 “ “ “ “ 3 “ 4 “ “ “ “
“ 1,585 “ “ “ “ 4 “ 5 “ “ “ “
“ 1,049 “ “ “ “ 5 “ 6 “ “ “ “
“ 774 “ “ “ “ 6 “ 7 “ “ “ “
“ 550 “ “ “ “ 7 “ 8 “ “ “ “
“ 438 “ “ “ “ 8 “ 9 “ “ “ “
“ 301 “ “ “ “ 9 “ 10 “ “ “ “
“ 244 “ “ “ “ 10 “ 11 “ “ “ “
“ 215 “ “ “ “ 11 “ 12 “ “ “ “
“ 155 “ “ “ “ 12 “ 13 “ “ “ “
“ 131 “ “ “ “ 13 “ 14 “ “ “ “
“ 108 “ “ “ “ 14 “ 15 “ “ “ “
“ 88 “ “ “ “ 15 “ 16 “ “ “ “
“ 66 “ “ “ “ 16 “ 17 “ “ “ “
“ 49 “ “ “ “ 17 “ 18 “ “ “ “
“ 47 “ “ “ “ 18 “ 19 “ “ “ “
“ 45 “ “ “ “ 19 “ 20 “ “ “ “
“ 43 “ “ “ “ 20 “ 21 “ “ “ “
“ 34 “ “ “ “ 21 “ 22 “ “ “ “
“ 22 “ “ “ “ 22 “ 23 “ “ “ “
“ 28 “ “ “ “ 23 “ 24 “ “ “ “
“ 21 “ “ “ “ 24 “ 25 “ “ “ “
“ 27 “ “ “ “ 25 “ 26 “ “ “ “
“ 21 “ “ “ “ 26 “ 27 “ “ “ “
“ 14 “ “ “ “ 27 “ 28 “ “ “ “
“ 12 “ “ “ “ 28 “ 29 “ “ “ “
“ 17 “ “ “ “ 29 “ 30 “ “ “ “
“ 9 “ “ “ “ 30 “ 31 “ “ “ “
“ 13 “ “ “ “ 31 “ 32 “ “ “ “
“ 11 “ “ “ “ 32 “ 33 “ “ “ “
“ 15 “ “ “ “ 33 “ 34 “ “ “ “
“ 11 “ “ “ “ 34 “ 35 “ “ “ “
“ 18 “ “ “ “ 35 “ 36 “ “ “ “
“ 136 “ “ “ “ 36 “ 52 “ “ “ “
“ 35 “ “ “ did not terminate in 52 “ “ “ “

22,020 TOTAL CASES

## TABLE 24

## NATURE OF INJURIES, 1934

### Temporary Disability Cases

| Class | Bruises, Contusions, and Abrasions | Cuts, Lacerations, and Punctures | Fractures | Crushes | Sprains, Strains, Twistings, and Wrenchings | Scalds and Burns | Eye Injuries | Herniae | Internal Injuries | Concussions (brain, spine, etc.) | Dislocations | All Other Injuries | Industrial Diseases (Schedule 3) | TOTALS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 630 | 847 | 217 | 100 | 196 | 22 | 41 | 36 | 2 | 8 | 14 | 38 | ........ | 2,151 |
| 2 | 309 | 409 | 107 | 33 | 169 | 23 | 38 | 30 | ........ | 1 | 6 | 25 | ........ | 1,150 |
| 3 | 47 | 113 | 17 | 13 | 15 | 3 | 6 | 8 | ........ | ........ | ........ | 1 | ........ | 223 |
| 4 | 95 | 197 | 38 | 19 | 29 | 7 | 8 | 2 | ........ | ........ | 3 | 4 | ........ | 402 |
| 5 | 442 | 576 | 286 | 83 | 97 | 82 | 92 | 28 | 2 | 3 | 11 | 9 | 1 | 1,712 |
| 6 | 74 | 87 | 29 | 23 | 10 | 7 | 9 | 3 | ........ | 1 | 3 | 2 | 1 | 249 |
| 7 | 15 | 20 | 21 | 8 | 3 | 10 | 3 | 1 | ........ | ........ | 1 | 3 | ........ | 85 |
| 8 | 77 | 76 | 42 | 24 | 27 | 55 | 17 | 4 | ........ | ........ | 2 | 4 | 6 | 334 |
| 9 | 102 | 93 | 45 | 30 | 25 | 20 | 21 | 3 | 1 | 3 | 1 | 1 | ........ | 345 |
| 10 | 175 | 356 | 95 | 59 | 54 | 59 | 58 | 11 | ........ | ........ | 8 | 7 | 2 | 884 |
| 11 | 178 | 246 | 95 | 30 | 67 | 48 | 31 | 13 | 1 | 2 | 5 | 10 | 5 | 731 |
| 12 | 145 | 100 | 76 | 20 | 79 | 36 | 11 | 15 | 1 | 1 | 6 | 7 | 1 | 498 |
| 13 | 46 | 29 | 33 | 6 | 35 | 4 | 1 | 7 | 1 | 1 | 1 | 4 | ........ | 168 |
| 14 | 40 | 83 | 16 | 5 | 12 | 5 | 1 | 3 | ........ | ........ | 4 | 3 | ........ | 172 |
| 15 | 347 | 442 | 136 | 50 | 162 | 102 | 18 | 23 | 3 | 4 | 4 | 21 | ........ | 1,312 |
| 16 | 71 | 128 | 28 | 18 | 22 | 21 | 8 | 3 | 1 | 2 | ........ | 15 | 3 | 320 |
| 17 | 97 | 168 | 40 | 23 | 47 | 19 | 12 | ........ | 4 | 1 | 3 | 8 | 1 | 423 |
| 18 | 111 | 291 | 30 | 21 | 47 | 30 | 6 | 13 | 2 | 3 | 4 | 4 | 1 | 563 |
| 19 | 78 | 120 | 45 | 31 | 28 | 13 | 2 | 4 | ........ | ........ | 3 | 9 | 1 | 334 |
| 20 | 349 | 241 | 161 | 61 | 153 | 10 | 13 | 12 | ........ | 6 | 11 | 13 | 3 | 1,033 |
| 21 | 417 | 299 | 172 | 113 | 163 | 38 | 46 | 21 | 4 | 2 | 6 | 36 | ........ | 1,317 |
| 22 | 28 | 23 | 12 | 5 | 15 | 8 | 2 | 2 | ........ | ........ | 1 | 2 | ........ | 98 |
| 23 | 91 | 99 | 37 | 21 | 55 | 7 | 11 | 1 | ........ | 1 | 5 | 9 | 1 | 338 |
| 24 | 327 | 288 | 131 | 59 | 145 | 59 | 42 | 17 | 3 | 5 | 14 | 8 | 1 | 1,099 |
| Sched. 2 | 496 | 335 | 229 | 75 | 183 | 46 | 51 | 27 | 2 | 4 | 20 | 35 | ........ | 1,503 |
| Crown | 1,452 | 1,113 | 504 | 299 | 751 | 58 | 151 | 91 | 12 | 7 | 28 | 110 | ........ | 4,576 |
| ALL | 6,239 | 6,779 | 2,642 | 1,229 | 2,589 | 792 | 699 | 378 | 39 | 55 | 164 | 388 | 27 | 22,020 |

## TABLE 24—Continued

### Permanent Disability Cases

| Part of Body Affected | Per Cent. Impairment of Total Earning Capacity | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.0- 9.9 | 10.0-19.9 | 20.0-29.9 | 30.0-39.9 | 40.0-49.9 | 50.0-59.9 | 60.0-69.9 | 70.0-79.9 | 80.0-89.9 | 90.0-99.9 | 100. | TOTALS |
| Foot | 126 | 1 | ........ | 4 | 1 | 1 | ........ | ........ | ........ | ........ | ........ | 133 |
| Leg | 74 | 11 | 7 | 2 | 4 | 2 | 2 | 3 | 2 | ........ | 1 | 108 |
| Head | 27 | 1 | 2 | ........ | ........ | ........ | ........ | 1 | ........ | ........ | 2 | 33 |
| Face | 4 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 4 |
| Eye | 93 | 97 | 1 | 2 | ........ | ........ | ........ | 1 | ........ | ........ | 8 | 202 |
| Ear | 6 | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 7 |
| Arm | 83 | 7 | 6 | 1 | 2 | 2 | 4 | 3 | ........ | ........ | ........ | 108 |
| Hand | 71 | 18 | 9 | 10 | ........ | ........ | ........ | ........ | ........ | ........ | 2 | 110 |
| Thumb and two fingers | ........ | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 1 |
| Thumb and one finger | 5 | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 6 |
| Thumb | 203 | 1 | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 205 |
| One finger | 670 | ........ | 2 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 672 |
| Two fingers | 92 | 6 | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 99 |
| Three fingers | 14 | 3 | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 18 |
| Four fingers | 1 | 2 | 5 | 2 | ........ | 1 | ........ | ........ | ........ | ........ | ........ | 11 |
| Internal organs | 1 | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | 1 | 2 |
| Industrial diseases | 3 | ........ | ........ | ........ | 4 | ........ | ........ | 1 | ........ | ........ | 2 | 10 |
| All other | 46 | 3 | 3 | 3 | 1 | ........ | 2 | ........ | ........ | ........ | 3 | 61 |
| TOTALS | 1,519 | 153 | 38 | 24 | 12 | 6 | 8 | 9 | 2 | ........ | 19 | 1,790 |

### Industrial Diseases

| Description of Disease | Medical Aid Only | Temporary Disability | Permanent Disability | Death | TOTALS |
|---|---|---|---|---|---|
| Lead poisoning or its sequelae | 3 | 20 | 1 | .... | 24 |
| Silicosis, pneumoconiosis, phthisis | .... | .... | 8 | 10 | 18 |
| Chrome poisoning or its sequelae | 1 | 4 | .... | .... | 5 |
| Benzol poisoning | 1 | 2 | 1 | 3 | 7 |
| Compressed air illness or caisson disease | .... | 1 | | .... | 1 |
| TOTALS | 5 | 27 | 10 | 13 | 55 |

## TABLE 25
## CAUSES OF ACCIDENTS, 1934

| Cause | Medical Aid Only | Temp. Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| *A. Prime Movers:* | | | | | |
| 1. Motors, engines, fans, pumps, and automatic stokers | 23 | 32 | 9 | 1 | 65 |
| 2. Shafting, coupling, collars, set-screws, and keys | 14 | 14 | 3 | 1 | 32 |
| 3. Belts, lines, pulleys, chains, and sprockets | 151 | 123 | 23 | 1 | 298 |
| 4. Gears, cogs, cams, and friction wheels | 90 | 39 | 8 | .... | 137 |
| Totals | 278 | 208 | 43 | 3 | 532 |
| *B. Working Machines:* | | | | | |
| 1. Brick-making machines | .... | 3 | .... | .... | 3 |
| 2. Glass-making machines | 3 | 6 | .... | .... | 9 |
| 3. Pottery-making machines | 1 | 1 | .... | .... | 2 |
| 4. Stone-working machines | 4 | 4 | 2 | .... | 10 |
| 5. Mine drills | 130 | 104 | 8 | 1 | 243 |
| 6. Contracting machines | 86 | 166 | 10 | 1 | 263 |
| 7. Metal-working machines, n.e.s. | 15 | .... | .... | .... | 15 |
| 8. Abrasive wheels | 1,308 | 95 | 21 | .... | 1,424 |
| 9. Drilling and reaming machines | 97 | 24 | 8 | .... | 129 |
| 10. Lathes | 322 | 81 | 17 | .... | 420 |
| 11. Milling machines | 52 | 23 | 9 | .... | 84 |
| 12. Pneumatic tools | 191 | 80 | 12 | .... | 283 |
| 13. Presses—cutting, shaping, forming | 203 | 158 | 88 | .... | 449 |
| 14. Shearing and punching machines | 53 | 17 | 13 | .... | 83 |
| 15. Wire-working machines | 70 | 26 | 4 | .... | 100 |
| 16. Welding and heat-cutting machines | 98 | 17 | 1 | .... | 116 |
| 17. Wood-working machines, n.e.s. | 151 | 52 | 13 | .... | 216 |
| 18. Planers, jointers, and edgers | 94 | 74 | 42 | .... | 210 |
| 19. Saws | 238 | 259 | 102 | 1 | 600 |
| 20. Shapers, moulders, and headers | 53 | 34 | 24 | .... | 111 |
| 21. Pulp and paper-making machines, n.e.s. | 1 | 10 | 1 | .... | 12 |
| 22. Barkers | 31 | 17 | 6 | .... | 54 |
| 23. In-running rolls | 49 | 45 | 12 | .... | 106 |
| 24. Paper-products and printing machines, n.e.s. | 17 | 6 | 1 | .... | 24 |
| 25. Cutting machines | 17 | 13 | 4 | .... | 34 |
| 26. Presses—printing and embossing | 104 | 69 | 17 | ... | 190 |
| 27. Stayers | 25 | 24 | 6 | .... | 55 |
| 28. Tanning machines | 11 | 15 | 11 | .... | 37 |
| 29. Leather-working machines | 12 | 10 | 5 | .... | 27 |
| 30. Rubber-working machines | 10 | 10 | 9 | 1 | 30 |
| 31. Textile machines, n.e.s. | 3 | 17 | 5 | .... | 25 |
| 32. Carders | 10 | 12 | 1 | .... | 23 |
| 33. Pickers | 12 | 4 | 1 | .... | 17 |
| 34. Sewers | 227 | 116 | 7 | .... | 350 |
| 35. Finishers and launderers | 13 | 17 | 3 | .... | 33 |
| 36. Knitters | 57 | 35 | 4 | .... | 96 |
| 37. Cutters | 29 | 11 | 4 | .... | 44 |
| 38. Weavers | 56 | 44 | 4 | .... | 104 |
| 39. Spinners | 9 | 3 | .... | .... | 12 |
| 40. Food-products, laboratory, and tobacco machines, n.e.s. | 76 | 27 | 6 | .... | 109 |
| 41. Baking machines | 6 | 27 | 4 | .... | 37 |
| 42. Bottling machines | 29 | 29 | 15 | 1 | 74 |
| Totals | 3,973 | 1,785 | 500 | 5 | 6,263 |

### TABLE 25—Continued

| Cause | Medical Aid Only | Temp. Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| C. *Hoisting Apparatus:* | | | | | |
| 1. Elevators | 31 | 48 | 3 | 3 | 85 |
| 2. Cranes | 59 | 57 | 9 | 4 | 129 |
| 3. Conveyors | 67 | 71 | 9 | .... | 147 |
| 4. Mine cages | 5 | 14 | 1 | 2 | 22 |
| 5. Other hoisting apparatus | 87 | 175 | 32 | 4 | 298 |
| Totals | 249 | 365 | 54 | 13 | 681 |
| D. *Dangerous Substances:* | | | | | |
| 1. Steam escapes | 32 | 39 | 1 | .... | 72 |
| 2. Explosives | 26 | 144 | 31 | 18 | 219 |
| 3. Electric currents | 53 | 51 | 7 | 12 | 123 |
| 4. Conflagrations | .... | 6 | .... | .... | 6 |
| 5. Hot and inflammable substances and flames | 595 | 520 | 22 | 2 | 1,139 |
| 6. Corrosive substances | 113 | 82 | 5 | 2 | 202 |
| 7. Poisonous and deleterious substances | 95 | 147 | 11 | 12 | 265 |
| Totals | 914 | 989 | 77 | 46 | 2,026 |
| E. *Stepping On or Striking Against Objects:* | | | | | |
| 1. Stepping on objects | 366 | 187 | 1 | 1 | 555 |
| 2. Striking against objects | 2,949 | 1,210 | 46 | 5 | 4,210 |
| Totals | 3,315 | 1,397 | 47 | 6 | 4,765 |
| F. *Falling Objects:* | | | | | |
| 1. From collapse of structure | 7 | 20 | .... | .... | 27 |
| 2. From elevations | 343 | 224 | 16 | 3 | 586 |
| 3. In mines and quarries | 445 | 745 | 41 | 9 | 1,240 |
| 4. Other | 71 | 391 | 18 | 12 | 492 |
| Totals | 866 | 1,380 | 75 | 24 | 2,345 |
| G. *Handling Objects:* | | | | | |
| 1. Heavy objects—loading, carrying, rolling, or piling | 4,529 | 5,104 | 234 | 4 | 9,871 |
| 2. Sharp objects | 507 | 256 | 21 | .... | 784 |
| 3. Hand trucks, carts, and wheel-barrows | 207 | 257 | 17 | .... | 481 |
| Totals | 5,243 | 5,617 | 272 | 4 | 11,136 |
| H. *Tools:* | 2,769 | 3,215 | 231 | .... | 6,215 |
| I. *Runaways and Animals:* | | | | | |
| 1. Runaways | 8 | 40 | 3 | 3 | 54 |
| 2. Animals | 137 | 211 | 10 | 1 | 359 |
| Totals | 145 | 251 | 13 | 4 | 413 |

## TABLE 25—Continued

| Cause | Medical Aid Only | Temp. Dis. | Perm. Dis. | Death | TOTALS |
|---|---|---|---|---|---|
| *J. Moving Trains, Vehicles, etc.:* | | | | | |
| 1. Train wrecks | 2 | 34 | 3 | 7 | 46 |
| 2. Caught in switch or hit fixed objects | .... | 13 | .... | 2 | 15 |
| 3. Struck by or caught between cars and engines | 7 | 38 | 7 | 9 | 61 |
| 4. Other causes, cars and engines | 2 | 30 | 7 | 1 | 40 |
| 5. Mine and quarry cars | 54 | 115 | 17 | 3 | 189 |
| 6. Automobiles and other power vehicles | 346 | 587 | 42 | 17 | 992 |
| 7. Animal-drawn vehicles | 55 | 181 | 13 | 5 | 254 |
| 8. All other vehicles, including boats | 8 | 28 | .... | 1 | 37 |
| Totals | 474 | 1,026 | 89 | 45 | 1,634 |
| *K. Falls of Persons:* | | | | | |
| 1. From elevations | 100 | 276 | 22 | 11 | 409 |
| 2. From ladders | 122 | 318 | 38 | 4 | 482 |
| 3. Into excavations, pits, and shafts | 16 | 98 | 7 | 3 | 124 |
| 4. On level | 1,416 | 2,940 | 95 | 5 | 4,456 |
| 5. Into elevator shafts | 5 | 4 | 1 | .... | 10 |
| 6. From vehicles | 143 | 567 | 25 | 11 | 746 |
| 7. From collapse of support | 28 | 154 | 14 | 4 | 200 |
| 8. On steps or stairways | 139 | 256 | 7 | .... | 402 |
| 9. From tool slipping | 24 | 51 | 1 | .... | 76 |
| Totals | 1,993 | 4,664 | 210 | 38 | 6,905 |
| *L. All Other Causes:* | | | | | |
| 1. Flying fragments | 3,892 | 701 | 138 | 2 | 4,733 |
| 2. Doors, gates, windows, and covers | 310 | 171 | 16 | .... | 497 |
| 3. Inhalation of gases, fumes, etc. | 53 | 22 | 2 | 2 | 79 |
| 4. Immersion in water and drenchings | 1 | .... | ... | 15 | 16 |
| 5. Exposure to elements | 50 | 151 | 11 | .... | 212 |
| 6. Violence | 7 | 12 | 2 | 1 | 22 |
| 7. Cave-ins | 12 | 56 | 8 | 3 | 79 |
| 8. Not elsewhere specified | 8 | 10 | 2 | .... | 20 |
| Totals | 4,333 | 1,123 | 179 | 23 | 5,658 |
| GRAND TOTALS | 24,552 | 22,020 | 1,790 | 211 | 48,573 |

### TABLE 26

## BLOOD-POISONING CASES, 1934

| | |
|---|---|
| Ascribed to time of injury | 190 |
| Developed 1 day after injury | 263 |
| “ 2 days “ “ | 203 |
| “ 3 “ “ “ | 169 |
| “ 4 “ “ “ | 157 |
| “ 5 “ “ “ | 137 |
| “ 6 “ “ “ | 79 |
| “ 7 “ “ “ | 66 |
| “ 8 “ “ “ | 30 |
| “ 9 “ “ “ | 36 |
| “ 10 “ “ “ | 28 |
| “ 11 “ “ “ | 14 |
| “ 12 “ “ “ | 16 |
| “ 13 “ “ “ | 12 |
| “ 14 “ “ “ | 7 |
| “ 15 “ “ “ | 10 |
| “ 16 “ “ “ | 8 |
| “ 17 “ “ “ | 6 |
| “ 18 “ “ “ | 4 |
| “ 19 “ “ “ | 4 |
| “ 20 “ “ “ | 5 |
| “ 21 “ “ “ | 5 |
| “ 22 “ “ “ | 1 |
| “ 23 “ “ “ | 1 |
| “ 25 “ “ “ | 3 |
| “ 26 “ “ “ | 1 |
| “ 27 “ “ “ | 2 |
| “ 29 “ “ “ | 4 |
| “ 30 “ “ “ | 2 |
| “ 39 “ “ “ | 2 |
| “ 40 “ “ “ | 2 |
| “ 44 “ “ “ | 1 |
| “ 46 “ “ “ | 1 |
| “ 48 “ “ “ | 1 |
| “ 51 “ “ “ | 1 |
| “ 59 “ “ “ | 1 |
| “ 60 “ “ “ | 1 |
| “ 61 “ “ “ | 1 |
| “ 90 “ “ “ | 1 |
| “ 93 “ “ “ | 1 |
| “ 215 “ “ “ | 1 |
| Immobilized joints due to infections | 13 |
| Amputations due to infections | 8 |
| Permanent eye injuries due to infections | 6 |
| Deaths due to infections | 6 |
| TOTAL CASES OF INFECTION | 1,510 |

## TABLE 27

## DEATH CASES, 1934

### Number of Cases

| | |
|---|---|
| Pension Awards | 137 |
| Lump Sums | 35 |
| Burial Expenses and Medical Aid only | 28 |
| Burial Expenses only | 11 |
| TOTAL | 211 |

### Number, Relationship, and Residence of Dependants

| Relationship of Dependants | Resident in Ontario | Not Resident in Ontario | TOTALS |
|---|---|---|---|
| Widow | 129 | 10 | 139 |
| Child | 224 | 12 | 236 |
| Mother | 19 | 4 | 23 |
| Father | 15 | 4 | 19 |
| Other | .... | .... | .... |
| TOTALS | 387 | 30 | 417 |

# APPENDIX

## SUMMARY OF COMPENSATION AND MEDICAL AID AWARDED

### From Commencement of Act to End of 1935

**Compensation Awarded**

| | |
|---|---|
| Schedule 1 Industries | $72,044,164 64 |
| Schedule 2 (including Crown Cases) | 22,755,354 97 |
| Total Compensation | $94,799,519 61 |

**Medical Aid Paid**

| | |
|---|---|
| Schedule 1 Industries | $15,763,607 85 |
| Schedule 2 (including Crown Cases)—Furnished by Employer | |
| Total Benefits Awarded by Board | $110,563,127 46 |

## SUMMARY OF ACCIDENTS REPORTED

### From Commencement of Act to End of 1935

| | | |
|---|---|---|
| Schedule 1 Industries | 955,163 | |
| Schedule 2 (including Crown Cases) | 166,196 | |
| Total Number of Accidents Reported | | 1,121,359 |

## FINANCIAL STATEMENT FOR SCHEDULE 1 INDUSTRIES

### From Commencement of Act to End of 1935

**Income and Credits**

| | |
|---|---|
| Net assessments received | $91,210,843 48 |
| Received under Section 8 | 130,217 67 |
| Received under Section 83(4) | 51,706 16 |
| Received under Section 105 | 139,763 90 |
| Received under Section 112(3) | 5,628 24 |
| Received from D. P. & N. H. | 203,811 37 |
| Interest received | 2,867,491 74 |
| Credited from Disaster Reserve | 282,669 26 |
| Credited from Pension Fund | 1,027,214 62 |
| Received from C. N. I. B. | 512 92 |
| Received from A. C. R. | 15,664 76 |
| Assessments estimated to be due on adjustment of 1935 Pay Rolls | 752,062 33 |
| | $96,687,586 45 |

**Expenditure and Charges**

| | |
|---|---|
| Compensation paid other than pensions, compensation deferred, and under Secs. 22 and 36 | $38,915,735 76 |
| Pensions awarded | 31,244,986 99 |
| Deferred Compensation awarded | 773,711 70 |
| Paid under Section 22 | 996 40 |
| Paid under former Section 36 | 41 75 |
| Paid under Section 8 | 9,099 28 |
| Medical Aid paid | 15,664,261 81 |
| Administration Expenses paid | 3,776,825 69 |
| Paid to Safety Associations | 1,960,406 96 |
| Rehabilitation paid | 46,286 63 |
| Transferred to Disaster Reserve | 353,259 80 |
| Compensation estimated outstanding | 2,548,142 50 |
| Medical Aid estimated outstanding | 530,228 99 |
| Paid under Mine Rescue Work | 113,898 90 |
| Balance at Credit of Classes (Table 1) | 749,703 29 |
| | $96,687,586 45 |

## SUMMARY OF PENSION FUND, SCHEDULE 1

### From Commencement of Act to End of 1935

| | |
|---|---|
| Pension awards | $31,110,362 73 |
| Amount transferred from Disaster Reserve | 134,624 26 |
| Amount transferred from Silicosis Account | 544,927 66 |
| Interest added | 12,201,017 12 |
| | $43,990,931 77 |
| Pension payments | 22,330,916 88 |
| | $21,660,014 89 |
| Amount transferred to Current Fund | 1,027,214 62 |
| Balance December 31, 1935 | $20,632,800 27 |

## SUMMARY OF COMPENSATION DEFERRED, SCHEDULE 1

### From Commencement of Act to End of 1935

| | |
|---|---|
| Compensation deferred | $774,126 70 |
| Interest added | 100,827 58 |
| | $874,954 28 |
| Paid on Compensation Deferred, Principal and Interest | 837,457 81 |
| Balance December 31, 1935 | $37,496 47 |

## SUMMARY OF DISASTER RESERVE, SCHEDULE 1

### From Commencement of Act to End of 1935

| | |
|---|---|
| Amount set aside | $353,259 80 |
| Interest added | 211,689 49 |
| | $564,949 29 |
| Transferred to classes | 282,669 26 |
| Balance December 31, 1935 | $282,280 03 |

## SUMMARY OF SILICOSIS ACCOUNT, SCHEDULE 1

### From Commencement of Act to End of 1935

| | | |
|---|---|---|
| Assessments collected | | $2,890,180 41 |
| Interest added | | 100,911 88 |
| | | $2,991,092 29 |
| Payments made: | | |
| Compensation | $1,062,088 36 | |
| Medical Aid | 99,346 04 | |
| Salaries and Expenses | 296,213 49 | |
| Handling Claims and Supervision | 84,693 22 | |
| Salaries and Expenses of Referee Board | 26,604 94 | |
| | | 1,568,946 05 |
| Balance December 31, 1935 | | $1,422,146 24 |

## SUMMARY OF INVESTMENTS, SCHEDULE 1

### From Commencement of Act to End of 1935

| | |
|---|---|
| Invested | $42,848,489 94 |
| Less principal returned | 17,617,797 13 |
| Book Value of Investments, December 31, 1935, Principal | 25,230,692 81 |
| Plus accrued interest not received or apportioned | 314,743 84 |
| Total Book Value of Investments, December 31, 1935 | $25,545,436 65 |

## SUMMARY OF SCHEDULE 2 FUNDS

### From Commencement of Act to End of 1935

| | | |
|---|---|---|
| Received from employers | | $17,673,236 65 |
| Interest received | | 3,024,408 55 |
| | | $20,697,645 20 |
| Payments made | $16,436,513 43 | |
| Deposits returned to employers | 819,638 66 | |
| | | 17,256,152 09 |
| Cash in Bank and Invested, December 31, 1935 | | $3,441,493 11 |

## SUMMARY OF INVESTMENTS, SCHEDULE 2

### From Commencement of Act to End of 1935

| | |
|---|---|
| Invested | $3,956,415 73 |
| Less principal returned | 527,875 02 |
| Book Value of Investments, December 31, 1935, Principal | $3,428,540 71 |
| Plus accrued interest not received or apportioned | 35,023 51 |
| Total Book Value of Investments, December 31, 1935 | $3,463,564 22 |

## SUMMARY OF RECEIPTS AND PAYMENTS

### From Commencement of Act to End of 1935

### Schedule 1

**Receipts**

| | | |
|---|---|---|
| Assessments including additional assessments, added percentage, and interest for under or over estimate | $92,201,870 33 | |
| Less Merit Rating (Charges | $1,067,195 43 | |
| Refunds | 2,058,222 28) | |
| | —991,026 85 | |
| | | $91,210,843 48 |
| Section 8 | | 130,217 67 |
| Section 83 (4) | | 51,706 16 |
| Section 105 | | 139,763 90 |
| Section 112 (3) | | 5,628 24 |
| D. P. & N. H. | | 203,811 37 |
| C. N. I. B. | | 512 92 |
| A. C. R. | | 15,664 76 |
| Silicosis | | 2,890,180 41 |
| From Province of Ontario under Section 77, grants for administration expenses | | 655,500 00 |
| From Schedule 2 and Crown employers for share of administration expenses | | 751,104 01 |
| Interest from investments and bank deposits | | 15,481,937 81 |
| Principal returned from investments | | 17,617,797 13 |
| From Special Statistical Services | | 63,199 76 |
| Rehabilitation Clinic | | 29,311 03 |
| Refund of Administration Expenses, result of special investigation | | 782 35 |
| | | $129,247,961 00 |

**Payments**

| | |
|---|---|
| Compensation Payments other than on pensions or deferred awards or under Secs. 22 or 36 | $38,915,735 76 |
| Pensions | 22,330,916 88 |
| Deferred Awards, principal and interest | 837,457 81 |
| Under Section 22 | 996 40 |
| Under former Section 36 | 41 75 |
| Under Section 8 | 9,099 28 |
| Medical Aid | 15,664,261 81 |
| Rehabilitation | 46,286 63 |
| Administration Expenses | 5,422,081 82 |
| Safety Associations | 1,960,406 96 |
| Investments | 42,848,489 94 |
| Silicosis | 938,910 17 |
| Mine Rescue Work | 108,725 96 |
| Rehabilitation Clinic | 28,650 16 |
| Overpayment of Administration Expenses from Schedule 2 employers (refunded in 1926) | 12 |
| Cash in Banks, Dec. 31, 1935 | 135,899 55 |
| | $129,247,961 00 |

### Schedule 2

| Receipts | |
|---|---|
| From Employers for Deposits under Section 28 and for Claimants' Moneys | $ 6,279,438 81 |
| From Employers for Deposits under Section 32 | 11,393,797 84 |
| Interest from Investments and Bank Deposits | 3,024,408 55 |
| Principal returned from Investments | 527,875 02 |
| | $21,225,520 22 |

| Payments | |
|---|---|
| To Claimants out of Deposits under Section 28 and Claimants' Moneys | $ 5,185,228 26 |
| Returned to Employers out of Deposits under Section 28 | 735,670 38 |
| Paid out of Deposits under Section 32: | |
| To Claimants | 11,248,851 61 |
| Returned to Employers | 78,198 78 |
| To Schedule 1 for Administration Expenses | 5,769 50 |
| Rehabilitation | 2,433 56 |
| Investments | 3,956,415 73 |
| Cash in Bank, Dec. 31, 1935 | 12,952 40 |
| | $21,225,520 22 |

## AUDITOR'S CERTIFICATE

THE WORKMEN'S COMPENSATION BOARD OF ONTARIO,
Canada Life Building, Toronto, Ontario.

Dear Sirs:

I have completed a continuous audit of the books of the Board for the year ended 31st December, 1935, and have obtained all the information and explanations I have required.

In my opinion, the attached Statements of Receipts and Payments, Table 6, Schedules 1 and 2, do truly and fairly set forth the cash transactions of the Board for the year ended 31st December, 1935. In addition to the cash receipts for the year, as shown in the accompanying statements, principal and interest on investments became due to a total of $182,855.85, but were not paid, which together with an adjustment of previous arrears, make a total of principal and interest in arrears at 31st December, 1935, of $465,555.20.

Bank balances at the close of the period have been verified by direct communication with the Board's Bankers.

The Investments of the Board as at 31st December, 1935, as shown by the books, have been verified by count. The amortized book value of these Investments is $28,659,233.52.

Respectfully submitted,

ALEXANDER G. CALDER,
Chartered Accountant.

London, Ont., February 29, 1936.

## TABLE 6

# STATEMENT OF RECEIPTS AND PAYMENTS DURING 1935

### Schedule 1

**Receipts**

| | | |
|---|---|---|
| Cash in Banks, Jan. 1, 1935: | | |
| Canadian Bank of Commerce | $2,870 74 | |
| Royal Bank of Canada | 1,746 14 | |
| | | $4,616 88 |
| Net Assessments, Penalties, etc.: | | |
| Gross Assessments | $5,594,748 12 | |
| Under Section 8 | 8,648 79 | |
| Under Section 105 | 3,449 70 | |
| Under Section 112 (3) | 156 65 | |
| From D. P. & N. H. | 7,541 18 | |
| From Accident Cost Refunds | 7,059 09 | |
| From C. N. I. B. | 345 22 | |
| | $5,621,948 75 | |
| Less: | | |
| Assessments & Penalties refunded | $28,705 04 | |
| Merit Rating Refunds | 32,868 27 | |
| | $61,573 31 | 5,560,375 44 |
| Interest: | | |
| Investments | $1,220,266 92 | |
| Exchange Premium | 495 28 | |
| Bank and Short Date Deposits | 13,887 41 | |
| | $1,234,649 61 | |
| Less: | | |
| Apportionment of Premiums on Investment Purchases Applicable to 1935 (Contra) | 57,451 11 | |
| | $1,177,198 50 | |
| Plus: | | |
| Apportionment of Discounts on Investment Purchases Applicable to 1935 (Contra) | 46,893 63 | |
| | | 1,224,092 13 |
| From Schedule 2 and Crown Employers for Administration Expenses, account of prior years paid out of Schedule 1 in 1934 | | 81,062 41 |
| Investments: | | |
| Principal returned | $2,004,279 86 | |
| Decrease in value by Amortization of Premiums (Contra) | 57,451 11 | |
| | | 2,061,730 97 |
| Silicosis | | 520,749 72 |
| Special Statistical Services | | 9,481 75 |
| Rehabilitation Clinic: | | |
| Refunds from Medical Aid | $8,265 01 | |
| Refunds from Schedule 2 Employers | 563 88 | |
| | | 8,828 89 |
| | | $9,470,938 19 |

**Payments**

| | | |
|---|---|---|
| Bank Overdraft, Jan. 1, 1935: | | |
| Dominion Bank | | $193,002 89 |
| Compensation other than Pensions and Compensation deferred | | 1,743,699 97 |
| Pensions | | 1,996,596 30 |
| Deferred Compensation | | 21,341 83 |
| Rehabilitation | | 4,100 54 |
| Medical Aid | | 1,020,653 11 |
| Silicosis | | 116,838 19 |
| Under Section 8 | | 221 18 |
| Mine Rescue Work | | 13,966 33 |
| Administration Expenses | | 394,375 11 |
| Safety Associations | | 136,143 75 |
| Rehabilitation Clinic Expenses | | 8,898 35 |
| Investments: | | |
| Principal Invested | $3,638,307 46 | |
| Increase in value by Amortization of Discounts Contra) | 46,893 63 | |
| | | 3,685,201 09 |
| Cash in Banks, Dec. 31, 1935: | | |
| Canadian Bank of Commerce | $1,788 21 | |
| Dominion Bank | 128,961 50 | |
| Royal Bank of Canada | 5,149 84 | |
| | | 135,899 55 |
| | | $9,470,938 19 |

### Schedule 2

| Receipts | | |
|---|---|---|
| Employers' Deposits under Section 28 | | $163,767 01 |
| Employers' Deposits under Section 32 | | 995,325 16 |
| Interest: | | |
| Investments | $173,139 41 | |
| Exchange Premium | 316 48 | |
| | $173,455 89 | |
| Less: | | |
| Charged on Bank Overdraft | 84 96 | |
| | $173,370 93 | |
| Less: | | |
| Apportionment of Premiums on Investment Purchases applicable to 1935 (Contra) | 2,634 94 | |
| | $170,735 99 | |
| Plus: | | |
| Apportionment of Discounts on Investment Purchases applicable to 1935 (Contra) | 8,289 02 | |
| | | 179,025 01 |
| Investments: | | |
| Decrease in value by Amortization of Premiums (Contra) | | 2,634 94 |
| | | $1,340,752 12 |

| Payments | | |
|---|---|---|
| Bank Overdraft, Jan. 1, 1935: | | |
| Imperial Bank | | $4,560 19 |
| Claimants out of Deposits under Section 28 | | 333,131 10 |
| Deposits returned to Employers under Section 28 | | 82 87 |
| Claimants out of Claimants' Moneys | | 3,566 84 |
| Paid out of Deposits under Section 32: | | |
| Compensation | $825,430 60 | |
| Medical Aid | 148,651 47 | |
| | | 974,082 07 |
| Deposits returned to Employers under Section 32 | | 4,087 63 |
| Investments: | | |
| Increase in value by Amortization of Discounts (Contra) | | 8,289 02 |
| Cash in Bank, Dec. 31, 1935: | | |
| Imperial Bank | | 12,952 40 |
| | | $1,340,752 12 |

# Ontario Department of Agriculture

# REPORT

OF THE

# Ontario Veterinary College

For the Five Months' Period
From November 1st, 1934, to March 31st, 1935.

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 29, 1936

ONTARIO

TORONTO
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—1936—

REPORT OF THE

# Ontario Veterinary College

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TO THE HONOURABLE DUNCAN MARSHALL,
Minister of Agriculture.

Sir:—

I have the honour to present herewith the following report of the Ontario Veterinary College, for the period extending from November 1st, 1934, to March 31st, 1935. This period of time covers the sessional term of the College, and is confined largely to student class work and routine duties.

## Commencement Exercises

The Annual Commencement Exercises were held on November 15th, 1934, in the Assembly Hall of the College. The speaker for the occasion was the Honourable J. A. Faulkner, B.A., M.D., C.M., Minister of Health for the Province of Ontario. In the course of his address, Dr. Faulkner referred to the importance of education in public health work, and stated that it should be the endeavour of governments to promote an educational campaign for the conservation of public health. He reviewed many of the achievements of medical and veterinary science in preventing and lessening the incidence of disease, and pointed to the fact that the death rate in people from tuberculosis of bovine origin was much lower here than in most countries at the present time. This was no doubt due in a large measure to the recognized policy in Canada of maintaining herds free from tuberculosis, by pasteurizing the milk supply, and by a high standard of meat inspection. These measures of public service have been of untold benefit in safeguarding the health of human beings, not only from tuberculosis, but from many other diseases which might be communicable from animals to man, through unwholesome supplies of milk and meat. It was his desire to extend the campaign of public health work, and to render the fullest possible support to allied professions in promoting this work. Dr. Faulkner also expressed the desire that a better recognition be extended to those engaged in educational, administrative and research work, and that those engaged in this line of scientific endeavour should be remunerated suitably and maintained in their positions independently, in order to accomplish the best result.

In regard to animal diseases, he inclined to the view that every herd of cattle maintained for milk and meat production should be under some reasonable measure of veterinary supervision, for the prompt detection of disease, to see that milk supplies were being produced under clean and sanitary conditions, and that the animals were in a good state of health.

In concluding his address, Dr. Faulkner declared that science knew no boundaries, and while there may be overlapping in different sciences and also in different professions, nevertheless all were continually striving towards the betterment of humanity. There was no place in public health and disease control work for misunderstandings, he said, and the best work was usually accomplished where allied interests worked along constructive lines, and in the best interests of all concerned.

## Student Enrollment

The student enrollment has been maintained at a satisfactory level during the present session. The registration for last year comprised 150 students while the registration this year comprises 184 students, an increase of 34 students in attendance. While the majority of the students are residents of Ontario, nevertheless many are again in attendance from each of the other provinces of Canada, from Great Britain and other parts of the Empire, as well as from the United States.

## The Teaching and Executive Staff

The personnel of the teaching staff of the different departments are as follows for this session:

*C. D. McGilvray, M.D.V., D.V.Sc., Principal*:
Contagious Diseases, Sanitary Science.

*W. J. R. Fowler, V.S., B.V.Sc.*: Anatomy and Surgery.

*H. E. Batt, V.S., B.V.Sc.*: Zoology, Histology, Meat Inspection.

*R. A. McIntosh, M.D.V., B.V.Sc.*: Diseases of Cattle, Obstetrics, Therapeutics.

*F. W. Schofield, B.V.Sc., D.V.Sc.*: Pathology, Bacteriology.

*L. Stevenson, B.V.Sc., M.S.*: Physiology.

*A. A. Kingscote, B.V.Sc., D.V.Sc.*: Parasitology, Pathology.

*J. S. Glover, B.V.Sc.*: Poultry Diseases, Milk Hygiene.

*V. R. Brown, B.V.Sc.*: Anatomy, Hygiene.

*H. R. Potter, B.V.Sc.*: Sporadic Diseases, Hygiene.

*F. J. Cote, B.V.Sc.*: Canine and Feline Diseases.

*R. Stewart Clark*: Jurisprudence.

*A. L. Shepherd*: Executive Clerk.

*Miss A. LeGrand*: Secretary, Librarian.

*Miss M. Scott*: Stenographer.

## Courses of Study and Instruction

High standards are being maintained in the general course of instruction, so that the student receives the best possible training during his time at college. It is, however, becoming more noticeable that with the advances being made in the sciences the studies may require to be expanded, which would require more time and a lengthening of the course. Until the time is considered opportune for extending the length of the course, every effort is being made to keep the attention of the student focused on making the best of the opportunity, and to lay a good foundation for graduate work.

The studies, which are considered to be of essentially a professional nature, are divided up into departments, and a brief description of the nature and scope of the instruction is given under the following headings:

*Department of Zoology, Embryology and Histology*—The work of this department is presented to first and second year students by means of lectures and laboratory exercises. The course is arranged with a view of imparting to the student a broad knowledge of the subject, especially in its application to veterinary science. Particular attention is given in zoology to the parasitic forms of animal life, thus laying a foundation for the study of parasitology. Embryology is given as a preparatory course to histology, and serves as an aid to the better understanding of genetics and obstetrics. The course in histology consists largely of a study of the various tissues in the animal body and is largely a laboratory one, during which the student is trained to develop microscopic technique to the fullest extent, and to make accurate drawings from the microscopic field.

Owing to the increased student attendance, it has been found advisable to divide the classes into two sections, which arrangement gives opportunity for more individual attention, and serves to make the student more proficient in laboratory technique. The instruction in these departments also serves as a preparatory course for the development of scientific research and laboratory work, in the fields of parasitology, pathology, bacteriology and clinical medicine.

*Anatomy*—The course in this department has been somewhat changed during this session. The instruction extends over a period of two academic years, and consists of lectures, dissections and clinical demonstrations, and is covered during the first and second years.

The study of anatomy is essentially related to the investigation of the animal body frame work, and is conducted by mechanically dividing it into its component parts and studying their form, structure, attachments and relations. It, therefore, furnishes a foundation for the study of the general form, structure and conformation of animals. Detailed dissection of the anial body is undertaken, so that the student gains an accurate knowledge and a visual conception of the different structures. The classroom lectures are also illustrated by the use of prepared specimens and diagrams. Because of the increasing importance of all species of animals, a comparative study must be made in order that the student becomes conversant with the anatomical differences in the different species of animals.

The study of anatomy also enables the student to develop surgical proficiency. The fact is, to become a good surgeon one must have a sound knowledge of anatomy, and to have practised dissection, so as to become familiar and dexterous in the use of the knife and other instruments, which proves of great use to him in performing surgical operations and in the general practise of clinical surgery in his profession.

Special attention is also given to the occurrence of defects in structure inclining to faulty conformation, and to abnormal conditions likely to cause unsoundness or to impair usefulness. This knowledge proves very valuable in the judging of live stock, and also in the examination of horses for soundness and in the detection of disease.

*Physiology*—The department of physiology furnishes instruction which embraces the study of the functions of life processes of the domestic animals. The course covers two academic years, commencing during the second year. Attention is given to the subject under the following divisions: the chemical basis of the animal body; the physical basis of life; the blood, its formation, its physical properties, its cellular elements and functions in life; the lymph, its formation, its physical character, its circulation and function; the heart and blood vessels, including principles of circulation, blood pressure, and nervous mechanism; the respirations relating to the mechanism of breathing, the chemistry of respiration, and the respiratory cycle.

During the third year, considerable time is devoted to the mechanism of digestion,—the mechanics of digestion, the absorption of foods, the metabolism of carbohydrates, sugars and fats. Special attention is also given to the metabolic requirements of the body,—the accessory food factors, the endocrine glands and their function, the production and dissipation of heat in the body, and finally the course is completed by a comprehensive study of the male and female relating to growth, regeneration and reproduction.

*Parasitology*—The course in parasitology is divided into three sections: veterinary protozoology, entomology and helminthology. The studies in protozoology deal with single cell parasites, which cause some highly infectious and fatal diseases, such as amoebic dysentery, coccidiosis, malaria, stallion plague, nagana, surra, Texas Fever, and other similar diseases. Entomology deals with ticks, mange and scab mites, lice, fleas and flies, which either occur as parasites on the body, or in the dissemination of various diseases. Helminthology deals with flukes, tapeworms, roundworms and similar helminths, which impair the health of animals which they attack, or make the food of animals dangerous for human consumption.

Throughout the course, the important species in each group are described together with their habits and life cycles, as well as the control and treatment of disease which they cause.

Little time was available during this term for research work, although further data was collected on the distribution of the flesh fly, *Wohlfartia vigil*, which causes serious skin diseases to both man and animals. Improved methods in controlling this parasite were devised, which have been found to be effective in reducing the harm and mortality caused by this fly pest.

An enzootic outbreak of body mange affecting silver black foxes was also investigated. In this outbreak, it was ascertained that ferrets kept on the same premises had contracted the common "foot rot," which is a form of mange caused by the mite *Sarcoptes hydrochoeri*. The disease spread from the ferrets to the foxes, but was fortunately eradicated by dipping and disinfection of the pens and kennels.

*Pathology and Bacteriology*—The work of this department consists of tutorial work with the students, diagnostic work in connection with the college clinic, and the laboratory examination of specimens of various kinds, submitted by veterinarians and by farmers for exact diagnoses. Some research projects are also usually under way, but sufficient time is not available during the college session to give research the attention which it requires. The tutorial work consists of a series of lectures and laboratory exercises, conducted with third and fourth year students. An increasing number of pathological specimens are being added to the museum, which greatly facilitates the teaching in pathology. Many post-mortem examinations are also made with animals brought to the College for that purpose. Large numbers of specimens are received from unusual cases, upon which laboratory help is necessary in establishing an exact diagnosis. Personal calls are made almost daily by owners and their veterinarians, for laboratory help relating to losses occuring in live stock.

Research work is being continued into several acute infectious diseases of swine, the disease locally known as "red water" in cattle, and hemorrhagic septicemia in cattle, sheep and swine.

*Contagious Diseases of Animals*—The course in contagious diseases of animals deals largely with diseases in the different species of animals which are communicable. Particular attention is given to their nature, prevalence, causes, dissemination, symptoms and methods of diagnosis, by means of the various approved tests, and the best known methods for their prevention and suppression. The diseases giving most concern at the present time include tuberculosis, Bang's disease, hemorrhagic septicemia, blackleg, swine erysipelas.

*Sanitary Service Regulations*—This course deals with the official veterinary inspection and certification of live stock, and of meat and meat-food products intended for domestic consumption and export trade. The Animal Contagious Disease Act and regulations relating to quarantine and control of disease received due consideration relating to the duties of owners of animals and veterinary surgeons, together with the various methods adopted for the control and eradication of contagious disease as well as those governing the importation and exportation of live stock in order to ensure the highest possible standards of animal health.

*Meat and Canned Food Act and Regulations*—This course deals with the various regulations relating to the conditions under which government inspection is granted and maintained at abattoirs, packing-houses or other establishments conducting an export trade in meats and meat-food products. Particular attention is given to the sanitary conditions observed by establishments under inspection, and for the proper inspection of animals before and after slaughtering, as well as the preparation, process of manufacture and packing of meat-food products, the official marking of carcases, and the certification of meat and meat-food products, which is essential for the encouragement and continued development of domestic and foreign trade in these commodities.

The course in meat inspection is presented in such a manner as to so train the graduate that when he enters general practice, he will have a comprehensive knowledge of the subject, and also to prepare students for entry to the public service as veterinary inspectors under the Health of Animals Branch.

*Milk Hygiene*—The work of this department deals with the inspection of dairies, and the sanitary production and handling of milk from the producer to the consumer. The subject is covered by a course of lectures in dairy husbandry, dairy inspection, and laboratory exercises in milk hygiene. The practical course includes visits to dairy farms and to large creameries and distributing plants, while the laboratory exercises are related to the chemical and bacteriological examinations of samples of milk and milk products. Many changes have taken place in the dairy industry in the past few years, and the course of instruction has been adapted to meet the developments that have taken place. An endeavour is being made to keep abreast of the times, both from a public health standpoint and in connection with dairy practice.

*Poultry Diseases*—The course in poultry diseases covers a lecture and laboratory course in poultry husbandry, dealing with the different breeds, judging, housing, feeds and feeding, hatching and rearing, hygiene and sanitation. Particular attention is also paid to diseases of poultry, particularly to the prevention, the suppression and control of infectious diseases.

An extension service is also provided, enabling owners to have a laboratory examination made of diseased birds and to obtain a report on the results of the examination together with information as to prevention and treatment of the diseases in question.

*Therapeutics*—This department furnishes instruction in obstetrics, materia medica and therapeutics. The course in obstetrics is provided by means of lectures, practical demonstrations, clinical observations, applied treatment, and breeding hygiene. Special consideration is given to the occurrence of sterility in breeding animals interfering with herd efficiency, and diseases occurring in young animals and means of lessening mortality among them.

The course in materia medica and therapeutics furnishes a knowledge of drugs and remedies used for the prevention and treatment of animal diseases and to relieve pain. A special course of lectures and recitations is also given, dealing with prevailing diseases of live stock, and for which special methods may be employed for their prevention and treatment.

*Diseases of the Horse*—The work of this department comprises lectures and clinical instruction, and covers three academic years. Lectures and classwork are correlated with clinical demonstrations, so that the instruction is both theoretical and practical. During the course particular attention is given to those diseases which are most common and occur most frequently in horses, especially those affecting the respiratory tract, the digestive tract, the nervous system, the urinary tract, heart and blood vessels, the skin, and the generative organs. Clinical demonstrations are given from time to time, so that the student may become proficient in the technique of clinical diagnosis and examinations for soundness, methods of restraint, the administration of medicines, and special forms of technique such as the use of the stomach tube in general practice.

*Diseases of Cattle, Sheep and Swine*—This department deals chiefly with diseases which are not contagious as affecting cattle, sheep and swine. A selection is made of the prevailing diseases and ailments occurring among each species. The peculiarities of each species are carefully explained, so that the student becomes familiar with the diseases to which each is most liable on account of their mode of living, anatomical and physiological variations. The different diseases are studied as to their etiology, symptomatology, physical diagnosis, prognosis, preventive measures, and the application of therapeutic remedies most suitable to each are discussed and demonstrated as far as possible. The lectures and clinical demonstrations are co-ordinated to afford definite training in the art of diagnosis, clinical observance, proper administration of medicines, methods of restraint and handling, general care and management of sick animals.

*Surgery*—The course in surgery consists of a series of lectures, recitations and clinical demonstrations. The lecture course is commenced during the third year, and is continued throughout the fourth year. It embraces the general principles of surgery ,namely, preparation of the patient, preparation of the instruments, arranging the operative equipment, preparation of the surgical area, methods of restraint, local and general anaesthesia, surgical pathology and therapeutics, including asepsis, antisepsis, hemostasis, forms of suturing, dressing, bandadging and after treatment of wounds.

Practical demonstrations are given on animals that are brought to the clinic for surgical treatment. Throughout the course students are taught how to make a proper examination of surgical cases, in order to arrive at a proper diagnosis and to extend appropriate surgical treatment. Senior students are required to assist at operations and also to attend to patients as may be required. This department holds surgical clinics for the public on several afternoons each week, to which animals are brought from a considerable distance for special operations requiring skilled surgical technique and suitable equipment.

*Canine and Feline Diseases*—Owing to the increasing importance of small animal practice, a special course of lectures and demonstrations is given dealing with dogs, their breeds and breeding, and the general principle and practice of canine medicine and surgery. Clinics are also held each week, to which small animals may be brought for examination and operative treatment.

## Public Extension Service

This service is maintained for the purpose of furnishing specialized clinical and laboratory assistance, in the diagnosis, prevention and treatment of diseases in all classes of animals.

*Laboratory Examinations*—During the college term, 224 diseased specimens were received for microscopic and bacteriological examination. Autopsies were made on 470 poultry carcases. Fifty-nine milk samples were examined for the detection of mastitis in cattle.

*Serological Tests*—This work consists chiefly of so-called blood tests for Bang's disease (contagious abortion). During the term, 5,640 cattle blood samples were submitted to the agglutination test. In addition, 9,815 test doses of *Br. abortus* antigen '(abortion test fluid) were also supplied to graduate veterinarians for the testing of herds under their supervision, and 61,500 test doses of *S. pullorum* antigen were distributed to graduate veterinarians for *S. pullorum* infection (white diarrhoea in poultry).

*Animal Clinics*—The work of this department is related to the practical application of veterinary medicine and surgery, for the prevention and treatment of disease. It also serves the purpose of a public service through clinics, to which animals may be brought by the public for attention. In this way it affords a course of practical training for students in clinical work. Clinics are held each week, to which horses, cattle, sheep, swine, dogs and cats are presented for examination and treatment. At the clinics, practical instruction is given in the proper control and restraint of animals, examinations for soundness, administration of medicines, clinical diagnosis and surgical procedure. From the clinics are selected animals best suited to provide the necessary instruction.

Demonstrations were held on one hundred and fifty horses, representing cases of lameness, unsoundness, dental irregularities, fistulous withers, poll evil, roaring, abscess and tumour formations. Animals were also presented requiring medicinal treatment, and consisted of diseases such as influenza, tetanus, pneumonia, colics and other forms of sickness.

In the case of cattle, sixty-nine animals were selected as representative cases, and included sterility examinations, mammitis, Bang's disease, retained placenta, Johne's disease, actinomycosis, tuberculosis, nutritional deficiencies and diseases of calfhood.

A number of sheep also were presented at the clinics, the diseases encountered being pregnancy disease, hemorrhagic septicemia, pneumonia, parasitic infestations and lambing cases.

Swine diseases also received attention, although the incidence of disease in swine was not very great during the present term. The diseases encountered included anaemia of suckling pigs, scours, pneumonia, hemorrhagic septicemia, swine erysipelas, dietetic diseases and parasitic diseases. A large number of post-morterm examinations were held during the term, enabling an exact diagnosis being made, and also furnishing material for bacteriological and pathological examinations.

The small animal clinic shows considerable expansion, and during the present term approximately two hundred dogs and cats were brought to the clinic for examination and for medicinal or surgical treatment. Much of the work of this department is in the nature of a public service, and is gaining in favour with those in need of such services. In conclusion, the entire staff have performed their duties in a painstaking and diligent manner, and a high standard of efficiency is being maintained in all departments.

All of which is respectfully submitted.

C. D. McGILVRAY,
Principal.

Guelph, Ontario,
March 31st, 1935.

# REPORT

OF

# THE COMMISSIONER

OF THE

# ONTARIO PROVINCIAL POLICE

FROM

NOVEMBER 1, 1934 TO MARCH 31, 1935

**PRINTED BY ORDER OF**
THE LEGISLATIVE ASSEMBLY OF ONTARIO

SESSIONAL PAPER No. 34, 1936

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

*To His Honour Herbert Alexander Bruce, Esq.,*
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present to Your Honour the Report of The Commissioner of the Ontario Provincial Police for the five months covering the period November 1st, 1934, to March 31st, 1935.

Respectfully submitted,

A. W. ROEBUCK,

*Attorney General.*

Attorney General's Department.

# ONTARIO PROVINCIAL POLICE

*Commissioner*
Major-General V. A. S. Williams, C.M.G.

*Criminal Investigation Branch*

*Senior Inspector*
J. Miller

*Inspectors*
A. B. Boyd
E. C. Gurnett, M.M.
W. H. Ward
H. Gardner, M.M.
E. D. L. Hammond
W. H. Lougheed

*Sergeant*
G. Mackay

*Staff Inspectors*
W. C. Killing
A. Moss
E. T. Doyle

*Liquor Control Investigation Branch*
F. E. Elliott, Chief Inspector

*Motorcycle Patrol*
J. A. Grant, M.M., Inspector-in-Charge

*Area Inspectors*
F. G. Jerome
T. G. P. Lucas
S. Hunter

| | | | | | |
|---|---|---|---|---|---|
| No. 1 | District, | Windsor | District | Inspector | P. Walter |
| No. 2 | " | London | " | " | T. W. Cousans |
| No. 3 | " | Hamilton | " | " | W. T. Moore |
| No. 4 | " | Niagara Falls | " | " | C. F. Airey, M.S.M. |
| No. 5 | " | Toronto | " | " | A. R. Elliott |
| No. 6 | " | Kitchener | " | " | C. A. Jordon |
| No. 7 | " | Barrie | " | " | J. H. Putman |
| No. 8 | " | Belleville | " | " | F. Gardner, M.S.M. |
| No. 9 | " | Perth | " | " | S. Oliver |
| No. 10 | " | Haileybury | " | " | F. B. Creasy |
| No. 11 | " | Sudbury | " | " | A. H. Palmer |
| No. 12 | " | Port Arthur | " | " | W. G. Ingram |

# Report of Commissioner of Police for Ontario

## From November 1, 1934 to March 31, 1935

Ontario Provincial Police,
Headquarters, Toronto.

The Honourable the Attorney General,
Parliament Buildings, Toronto, Ontario.

Sir,—I have the honour to submit herewith my Report for the five months covering the period November 1, 1934 to March 31, 1935.

Strength and Distribution of the Force on March 31st, 1935

| | Commissioner's Office | Crim. Invest. Branch | L. C. I. Branch | Motorcycle Patrol | Headquarters Garage | No. 1 District | No. 2 District | No. 3 District | No. 4 District | No. 5 District | No. 6 District | No. 7 District | No. 8 District | No. 9 District | No. 10 District | No. 11 District | No. 12 District | Total Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Commissioner | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Chief Inspector, C.I.B. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Staff Inspectors | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Accountant | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Inspectors, C.I.B. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 |
| Chief Inspector, L.C.I.B. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Inspector i/c M.C.P. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| District Inspectors | .. | .. | .. | .. | .. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 |
| Area Inspectors, M.C.P. | .. | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 |
| Inspector of Automobiles | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 |
| Sergeants | .. | 1 | .. | .. | .. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 1 | 15 |
| Provincial Constables | 2 | .. | .. | .. | .. | 14 | 12 | 10 | 11 | 18 | 14 | 10 | 13 | 15 | 21 | 12 | 19 | 171 |
| Prov. Constables N.M.C.P. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 2 | 3 | .. | 7 |
| Prov. Constables M.C.P. | .. | .. | .. | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 71 |
| TOTALS | 7 | 9 | 1 | 75 | 1 | 16 | 14 | 12 | 13 | 20 | 16 | 14 | 15 | 18 | 26 | 17 | 21 | 295 |
| Chauffeurs and Mechanics | .. | .. | .. | .. | 11 | 1 | 1 | 1 | 1 | .. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 22 |
| Clerks, etc. | 8 | 2 | 2 | 3 | .. | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 27 |
| GRAND TOTALS | 15 | 11 | 3 | 78 | 12 | 18 | 16 | 14 | 15 | 21 | 18 | 16 | 17 | 20 | 28 | 19 | 23 | 344 |
| Automobiles | .. | .. | .. | .. | 12 | 2 | 3 | 2 | 5 | 5 | 3 | 2 | 1 | 3 | 6 | 3 | 2 | 49 |
| Motorcycles | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 3 | 3 | .. | 8 |

For purposes of administration the Province is divided into twelve Districts numbered consecutively one to twelve as follows:—

No. 1 District, Headquarters Windsor—
comprising the County of Essex

No. 2 District, Headquarters London—
comprising the Counties of Lambton, Middlesex, Elgin, Oxford and Kent

No. 3 District, Headquarters Hamilton—
comprising the Counties of Wentworth, Halton, Brant and Norfolk

No. 4 District, Headquarters Niagara Falls—
comprising the Counties of Haldimand, Lincoln and Welland

No. 5 District, Headquarters Toronto—
comprising the Counties of York, Peel and Ontario

No. 6 District, Headquarters Kitchener—
comprising the Counties of Bruce, Perth, Grey, Huron, Wellington and Waterloo

No. 7 District, Headquarters Barrie—
comprising the Counties of Simcoe and Dufferin, and the Districts of Muskoka and Parry Sound

No. 8 District, Headquarters Belleville—
comprising the Counties of Victoria, Haliburton, Peterboro, Northumberland, Durham, Hastings, Lennox and Addington, Prince Edward, and Frontenac

No. 9 District, Headquarters Perth—
comprising the Counties of Renfrew, Lanark, Carleton, Grenville, Dundas, Russell, Prescott, Stormont, Leeds, and Glengarry

No. 10 District, Headquarters Haileybury—
comprising the Districts of Temiskaming, Cochrane, Nipissing and a portion of Algoma

No. 11 District, Headquarters Sudbury—
comprising the Districts of Sudbury, Manitoulin Island, and a portion of Algoma

No. 12 District, Headquarters Port Arthur—
comprising the Districts of Patricia, Kenora, Rainy River, and Thunder Bay

LOCATION OF OFFICERS

| Location | Officers | Sergeants | Prov. Constables | Prov. Constables M.C.P. | Chauffeurs and Mechanics | Cars or Motor Cycles |
|---|---|---|---|---|---|---|
| Headquarters:<br>Toronto ............ | 15 | 2 | 2 | 1 | 11 | 12 |

LOCATION OF OFFICERS—Continued

| Location | Officers | Sergeants | Prov. Constables | Prov. Constables M.C.P. | Chauffeurs and Mechanics | Cars or Motor Cycles |
|---|---|---|---|---|---|---|
| No. 1 District: | | | | | | |
| Windsor Hqrs | 1 | 1 | 9 | | 2 | 2 |
| Amherstburg | | | 2 | | | |
| Leamington | | | 1 | 1 | | |
| Belle River | | | 1 | | | |
| Sandwich | | | | 1 | | |
| Roseland | | | | 1 | | |
| Kingsville | | | 1 | | | |
| No. 2 District: | | | | | | |
| London Hqrs | 2 | 1 | 3 | 1 | 1 | 1 |
| Glencoe | | | 1 | | | |
| Exeter | | | | 1 | | |
| Chatham | | | 3 | 1 | | 1 |
| Tilbury | | | 1 | 1 | | |
| Sarnia | | | 2 | 1 | | 1 |
| St. Thomas | | | 1 | 1 | | |
| Woodstock | | | 1 | 1 | | |
| Ingersoll | | | | 1 | | |
| Dresden | | | | 1 | | |
| Lambeth | | | | 1 | | |
| Blenheim | | | | 1 | | |
| Tilsonburg | | | | 1 | | |
| Shedden | | | | 1 | | |
| Wardsville | | | | 1 | | |
| No. 3 District: | | | | | | |
| Hamilton Hqrs | 1 | 1 | 6 | | 1 | 1 |
| Brantford | | | 1 | 2 | | |
| Simcoe | | | 2 | | | 1 |
| Paris | | | | 1 | | |
| Milton | | | 1 | | | |
| Waterdown | | | | 1 | | |
| Dundas | | | | 1 | | |
| Oakville | | | | 1 | | |
| Burlington | | | | 1 | | |
| No. 4 District: | | | | | | |
| Niagara Falls Hqrs | 1 | 1 | 3 | 1 | 1 | 1 |
| Ridgeway | | | 1 | 1 | | 1 |
| Fort Erie | | | 1 | | | |
| Welland | | | 2 | 1 | | 1 |
| Dunnville | | | 1 | 1 | | 1 |
| St. Catharines | | | 2 | | | 1 |
| Grimsby | | | 1 | | | |
| Beamsville | | | | 1 | | |
| Caledonia | | | | 1 | | |
| Smithville | | | | 1 | | |
| Stoney Creek | | | | 1 | | |
| No. 5 District: | | | | | | |
| Toronto Hqrs | 2 | 1 | 14 | | | 4 |
| Brampton | | | 1 | 1 | | 1 |
| Cooksville | | | 1 | 1 | | |
| Oshawa | | | 1 | | | |
| Cannington | | | 1 | | | |
| Pickering | | | | 1 | | |
| Thornhill | | | | 1 | | |
| Mimico | | | | 1 | | |
| Highland Creek | | | | 1 | | |

LOCATION OF OFFICERS—Continued

| Location | Officers | Sergeants | Prov. Constables | Prov. Constables M.C.P. | Chauffeurs and Mechanics | Cars or Motor Cycles |
|---|---|---|---|---|---|---|
| Richmond Hill | | | | 1 | | |
| Islington | | | | 1 | | |
| Port Credit | | | | 1 | | |
| No. 6 District: | | | | | | |
| Kitchener Hqrs | 1 | 1 | 5 | 1 | 1 | 1 |
| Walkerton | | | 1 | | | |
| Wiarton | | | 1 | | | |
| Goderich | | | 1 | | | |
| Stratford | | | 1 | 1 | | 1 |
| Palmerston | | | 1 | | | |
| Guelph | | | 1 | | | |
| Puslinch | | | | 1 | | |
| Rockwood | | | | 1 | | |
| Meaford | | | 1 | | | |
| Shelburne | | | | 1 | | |
| Owen Sound | | | 2 | 1 | | 1 |
| Mitchell | | | | 1 | | |
| Arthur | | | | 1 | | |
| No. 7 District: | | | | | | |
| Barrie Hqrs | 1 | 1 | 1 | 1 | 1 | 1 |
| Alliston | | | 1 | | | |
| Midland | | | 1 | | | |
| Orillia | | | 1 | 1 | | |
| Collingwood | | | 1 | | | |
| Orangeville | | | 1 | | | |
| Bracebridge | | | 1 | | | |
| Huntsville (N.M.C.P.) | | | 1 | | | 1 |
| Gravenhurst (N.M.C.P.) | | | 1 | | | 1 |
| Parry Sound | | | 2 | | | |
| Burk's Falls | | | 1 | | | 1 |
| Bradford | | | | 1 | | |
| No. 8 District: | | | | | | |
| Belleville Hqrs | 1 | 1 | 2 | 2 | 1 | 1 |
| Bancroft | | | 1 | | | |
| Madoc | | | 1 | | | |
| Lindsay | | | 1 | 1 | | |
| Minden | | | 1 | | | |
| Peterborough | | | 1 | 1 | | |
| Cobourg | | | 1 | | | |
| Bowmanville | | | 1 | 1 | | |
| Campbellford | | | 1 | | | |
| Napanee | | | 1 | 1 | | |
| Colborne | | | | 1 | | |
| Kingston | | | 1 | 1 | | |
| Sharbot Lake | | | 1 | | | |
| No. 9 District: | | | | | | |
| Perth Hqrs | 1 | 1 | 2 | | 1 | 1 |
| Cumberland | | | | 1 | | |
| Rockland | | | 1 | | | |
| Cornwall | | 1 | 2 | 1 | | 1 |
| Morrisburg | | | 1 | 1 | | |
| Renfrew | | | 1 | | | |
| Pembroke | | | 1 | | | |
| Smith's Falls | | | | 1 | | |
| Ottawa | | | 1 | 1 | | |
| Brockville | 1 | | 1 | 1 | | 1 |
| Prescott | | | 1 | 1 | | |

LOCATION OF OFFICERS—Continued

| Location | Officers | Sergeants | Prov. Constables | Prov. Constables M.C.P. | Chauffeurs and Mechanics | Cars or Motor Cycles |
|---|---|---|---|---|---|---|
| Hawkesbury |  |  |  | 1 |  |  |
| L'Original |  |  | 1 |  |  |  |
| Lancaster |  |  | 1 |  |  |  |
| Alexandria |  |  | 1 |  |  |  |
| Arnprior |  |  |  | 1 |  |  |
| Kemptville |  |  |  | 1 |  |  |
| Gananoque |  |  | 1 |  |  |  |
| No. 10 District: |  |  |  |  |  |  |
| Haileybury Hqrs. | 1 | 1 | 2 |  | 1 | 2 |
| Haileybury (N.M.C.P.) |  |  | 1 |  |  | 1 |
| Cobalt |  |  | 1 |  |  |  |
| Ansonville |  |  | 1 |  |  |  |
| Matheson |  |  | 1 |  |  |  |
| Elk Lake |  |  | 1 |  |  |  |
| Timmins |  |  | 2 |  |  |  |
| Kirkland Lake |  |  | 2 |  |  | 1 |
| Larder Lake |  |  | 1 |  |  |  |
| Kapuskasing |  |  | 1 |  |  | 1 |
| Englehart |  |  | 1 |  |  |  |
| North Bay |  |  | 2 |  |  | 1 |
| North Bay (N.M.C.P.) |  |  | 1 |  |  | 1 |
| Sturgeon Falls |  |  | 1 |  |  |  |
| Mattawa |  |  | 1 |  |  |  |
| Temagami |  |  | 1 |  |  |  |
| Cochrane |  | 1 | 1 |  |  | 1 |
| Hearst |  |  | 1 |  |  |  |
| No. 11 District: |  |  |  |  |  |  |
| Sudbury Hqrs. | 1 | 1 | 2 |  | 1 | 1 |
| Sudbury (N.M.C.P.) |  |  | 1 |  |  | 1 |
| Warren (N.M.C.P.) |  |  | 1 |  |  | 1 |
| Foleyet |  |  | 1 |  |  | 1 |
| Capreol |  |  | 1 |  |  |  |
| Little Current |  |  | 1 |  |  | 1 |
| Sault Ste. Marie |  |  | 1 |  |  | 1 |
| Sault Ste. Marie (N.M.C.P.) |  |  | 1 |  |  | 1 |
| Blind River |  |  | 1 |  |  |  |
| Chapleau |  |  | 1 |  |  |  |
| Bruce Mines |  |  | 1 |  |  |  |
| Gogama |  |  | 1 |  |  |  |
| Espanola |  |  | 1 |  |  |  |
| White River |  |  | 1 |  |  |  |
| No. 12 District: |  |  |  |  |  |  |
| Port Arthur Hqrs. | 1 | 1 | 2 |  | 1 | 2 |
| Fort William |  |  | 2 |  |  |  |
| Nipigon |  |  | 1 |  |  |  |
| Hudson |  |  | 1 |  |  |  |
| Nakina |  |  | 1 |  |  |  |
| Kenora |  |  | 3 |  |  |  |
| Sioux Lookout |  |  | 2 |  |  |  |
| Dryden |  |  | 1 |  |  |  |
| Minaki |  |  | 1 |  |  |  |
| Fort Frances |  |  | 2 |  |  |  |
| Rainy River |  |  | 1 |  |  |  |
| Gold Pines |  |  | 2 |  |  |  |
| Geraldton |  |  | 1 |  |  |  |

## CHANGE IN PERSONNEL

The following appointments and retirements from the Force became effective during the period November 1st, 1934, to March 31st, 1935:—

| | |
|---|---|
| **APPOINTMENTS** | |
| Provincial Constables | 1 |
| **DISMISSALS** | |
| Provincial Constables | 1 |
| **RESIGNATIONS** | |
| Provincial Constables | 1 |
| Provincial Constables, M.C.P. | 1 |
| TOTAL | 2 |

The strength of the Force as of March 31st, 1935, stood at 344 all ranks.

## TRANSFERS, ETC.

Continuing the policy of the Force of not permitting Constables to remain too long in one place a number of transfers of members of the Force have been made from one part of the Province to another. Transfers have also become necessary to fill vacancies caused by deaths, resignations, etc., but in the interest of economy these transfers have been kept as low as possible.

## CONDUCT AND DISCIPLINE

The conduct and discipline of all ranks has with few exceptions been excellent and a very high standard has been maintained. The members of the Force have continued to show a commendable spirit of loyalty and efficiency, and the Inspectors in charge of Districts express appreciation of the manner in which the men under them have performed their duties.

Many letters of commendation have been received from Police Departments, Crown Attorneys, Welfare Societies and others, both in this Province and the United States, speaking in the highest terms of the work done and services rendered by all branches of the Force.

## THE HEALTH OF THE FORCE

The general health of the Force has been good. A small percentage has been off duty for varying periods from colds, influenza, etc., contracted by exposure to the severe weather. There has also been a number off duty suffering from injuries received and illness contracted whilst in the execution of their duties.

## GENERAL

The toal number of cases prosecuted by members of the Force under all Acts and Statutes for the period November 1st, 1934, to March 31st, 1935, was 5,369.

Owing in this report covering a period of only five months, I am unable to give correct comparative figures. The general returns, however, show a decrease in all prosecutions.

Prosecutions under the Criminal Code and all other Statutes (exclusive of The Highway Traffic Act and The Liquor Control Act) numbered 2,334.

Prosecutions under The Liquor Control Act numbered 661.

Prosecutions under The Highway Traffic Act numbered 2,025.

A classified return of all prosecutions, convictions, dismissals, etc., will be found on pages ————

In commenting on the work accomplished by members of the Force for the above period, I find conditions throughout the Province generally satisfactory.

In all prosecutions instituted by members of this Force, the utmost assistance has been given by Crown Attorneys and Police Magistrates, and the general good feeling between the members of the Force and the law officers they come in contact with has been well maintained.

The number of investigations made by members of the Force in matters of every conceivable description was 10,660.

These cover a great range, and in addition to complaints of infractions of the Criminal Code, Liquor Control Act and other Statutes, include requests to locate missing persons for private individuals and other Police Forces, foreign Consuls and Municipal authorities in Great Britain and Ireland, many European countries and the United States.

The members of the Force have efficiently dealt with all matters brought to their notice in their respective districts, and it is gratifying to report that with very few exceptions the numerous problems in connection with law enforcement have been dealt with in such a way as to leave very little to be desired.

The value of the work done by the members of the Force on detachment cannot be measured by the statistical records. Especially is this so in Northern Ontario, where Provincial Constables are called upon for every imaginable purpose, and where they are expected to be the guide, counsellor and friend of everyone.

The work of the Inspectors in charge of the various districts and their staffs, also of investigation branches, has been most creditably carried out and will be found in greater detail in the reports submitted to my office by the officers in charge.

## COUNTY CONSTABULARIES

Members of this Force are now performing the duties of Acting High Constables in each of the following Counties:

Essex
Brant
Oxford
Norfolk
Elgin
Kent
Lambton
Hastings
Glengarry
Halton
Lincoln
Welland
Haldimand
Ontario
Peel
Stormont
Dundas
Huron
Waterloo
Bruce
Grey
Wellington
Perth
Simcoe
Renfrew
Leeds
Dufferin
Wentworth
Prince Edward
Victoria and Haliburton
Peterborough
Northumberland and Durham
Lennox and Addington
Frontenac
Grenville
Prescott and Russell
Middlesex

In the Counties of York, Lanark and Carleton, salaried High Constables are still employed by the County authorities.

In the interest of economy, no Acting High Constable was posted to Picton for the County of Prince Edward to replace the Acting High Constable who was transferred elsewhere. The County of Prince Edward is being looked after by the Acting High Constable for the County of Hastings, stationed at Belleville.

To ensure more efficient supervision it was decided to transfer the Counties of Brant and Norfolk from No. 2 District, with headquarters at London, to No. 3 District, with headquarters at Hamilton, as from December 1st, 1934. This change brought the Acting High Constables and the Counties under closer control of the District Inspector.

## GAME AND FISHERIES ACT

Members of this Force investigated numerous complaints, particularly in the southern portion of the Province, with respect to alleged violations of the Game and Fisheries Laws and Regulations. Some of the complaints were found to be untrue, warnings were given and when necessary, prosecutions resulted.

During the hunting seasons special attention was given to checking up when and where necessary on hunters and fishermen to see that they were obeying the Act and Regulations. It was found that, on the whole, the provisions of the Game and Fisheries laws were being observed.

A number of firearms were seized, confiscated, and turned over to the Game and Fisheries Department.

Hearty co-operation was received from the Game and Fisheries Department staff, Sportsmen's Clubs and citizens interested in the conservation and preservation of game and game-fish.

In a number of cases arrangements were made through members of the Force to supply feed for pheasants.

It was necessary to give attention to a condition in Essex County which was dangerous to the public, arising from the open season on geese. Considerable shooting occured in the vicinity of Jack Miner's bird sanctuary near Kingsville, causing many complaints. The matter was remedied by the Department making it unlawful to hunt in the County of Essex with a high powered rifle of greater calibre than the ordinary .22 calibre rifle. The condition was the same in other years but no mention was made of it.

Members of the force were particularly active in the Counties of Essex, Middlesex, Wentworth, Huron and Welland.

The Deputy Minister, Game and Fisheries Department, has expressed his satisfaction with the present arrangement of enforcement, and has been of great assistance in giving advice and guidance.

The particulars of cases prosecuted under the Act will be found in the classified return of offences.

## OFFENSIVE WEAPON PERMITS

The issuing of permits to carry offensive weapons still continues to occupy the time of one of my Staff Inspectors, and in the five months period under review 1,304 of all classes of permits have been issued and many old ones renewed.

On January 1st, 1935, the provisions of Section 121A of the Criminal Code of Canada became effective. This section of the Code requires that all pistols and revolvers in the possession of any person in Canada be registered with the persons authorized by the Attorney General of any Province.

In Ontario, the Honourable the Attorney General authorized the registration to be performed—

(1) By the Chief of Police or head of the Police Force in every City, Town and Village.
(2) By the High County Constables in the Counties of York, Carleton and Lanark.
(3) By the District Inspectors of the Ontario Provincial Police for all townships and unorganized municipalities and territory which lies within their respective districts.

The system adopted in registering small-arms is a triplicate certificate (card) system. The original is handed to the person registering, the duplicate is retained by the police officer registering and the triplicate is forwarded to the headquarters of the Royal Canadian Mounted Police, Ottawa, where there is maintained a Central Recording Bureau for the whole Dominion.

The inauguration of the registration in Ontario entailed a considerable amount of detail work at Headquarters in the distribution of registration certificates and instructions to Police Chiefs and in answering the volume of enquiries by mail, telephone and personal call.

During the month of January alone 1,128 letters were sent from Headquarters in connection with permits and registration, and in the five months ending March 31st, 1935, a total of 2,639 letters were written here on these two subjects.

This system of registration of pistols and revolvers is the first real attempt to bring the ownership of this type of firearm under control and much good work has already been accomplished in enabling various Police Departments to trace the ownership of weapons coming into their possession..

As the registration becomes more complete, still better results will be achieved.

## PROVINCIAL AND MUNICIPAL POLICE TRAINING SCHOOL

On March 11th, 1935, the first session of the Provincial and Municipal Police Training School was opened at Toronto, attended by thirty-two members of the Toronto Police Force, one from the Kingston Police Force and five of our own Provincial Constables.

This school was a new departure in this Province and the first session is to take five weeks. Lectures are being given on a variety of subjects dealing with modern police duties and by many outstanding legal and scientific men as well as Senior Officers of Toronto Police Force and our own Force.

The new school is more or less of an experiment and the first session was not concluded at the date this report closes, but is is hoped that the very material results will be obtained from the higher type of instruction now being given.

## UNEMPLOYMENT, STRIKES ETC.

I am pleased to report there were no disturbances by unemployed, nor personal injury or property damage caused by industrial strikes recorded during the five months period. General conditions in this regard are more settled than for the past number of years.

## RELIEF CAMP PATROLS

A series of patrols have been continued to provide the necessary police supervision for camps operating under the Dominion and Provincial Governments.

The principal projects on which men are employed and reside in camps are:—The Lac Seul Project in the District of Kenora; Air Base Camps at Trenton and throughout Northern Ontario; Trans-Canada Highway.

Reports from the District Inspectors in whose territory the various camps are located and operating, are to the effect that the conduct of the men generally was excellent. There were no serious disturbances or major crimes amongst the camp population.

The reports state that the food and accommodation were very good, whilst the health of the occupants was above the average.

There has been first class co-operation between the members of this Force and the camp Superintendents and Engineers, by which means many undesirables and agitators have been kept out of camp.

I am hoping, however, that the men comprising the population of these camps will, in the near future, again be absorbed into the regular channels of industry, as camp life has the effect of generally undermining the morale, especially of the younger men.

## NORTHERN ONTARIO

The District Inspectors in charge of Northern Ontario districts report that conditions respecting law enforcement in their territory are generally satisfactory.

For the first time in years there was no strike disorder or need of additional police services in the lumber camps.

There appears to be a gradual improvement in conditions in this industry and the usual agitators have been conspicuous by their absence.

Some very serious cases of distress amongst the settlers have been reported to and investigated by members of the Force, the particulars in each case when obtained, being given to the relief administrator for attention.

### *Matachewan and Gowganda, District of Temiskaming*

A rather difficult situation exists in this area owing to the increase of population caused by the activity in mining developments and there being no proper place of detention for prisoners.

At present, the Constable at Elk Lake detachment covers this whole area, and prisoners arrested by him have to be taken to Haileybury, the nearest place of detention, a distance of over fifty miles.

Owing to the difficulties of transportation in winter season, the Constable is absent from his detachment practically three days each time he has to come out to Haileybury with prisoners or to prosecute.

To alleviate this difficulty I have again recommended that a proper lock-up and court room accommodation be provided at Elk Lake to take care of this area.

### *Michipicoten Area, Algoma*

Owing to increased activities and the opening of new mining developments in the Michipicoten area, it was found necssary to open a new post there and a one man detachment has been established at Gold Park.

The responsible officials of the principal mining concerns in this area have co-operated in offering to establish a lock-up and office for the use of the Constable posted there, which offer is now receiving consideration.

*Geraldton and Jellicoe, Thunder Bay District*

It was found necssary to open a new post in this area to look after certain conditions arising from increased activity in mining developments and a one man detachment has been opened at Geraldton, Ontario.

## CRIMINAL INVESTIGATION BRANCH

The Criminal Investigation Branch has been continuously engaged on investigations into the more serious crimes, including murder, kidnapping, arson, rape, robbery with violence, etc., and with few exceptions these crimes have all been satisfactorily cleared up. Many important inter-departmental investigations have been made. These include enquiries for the Provincial Treasurer's Department, the Provincial Secretary's Department, the Department of Public Works, the Department of Highways, and the Department of Public Welfare regarding abuses arising from the administration of relief.

The Inspectors of this Branch have worked in the closest co-operation with the officials of the Ontario Securities Commission and many important assignments have been handled with good results.

## ARMED ROBBERY AND KIDNAPPING

*John S. Labatt, London.*

The investigation into this case has been continued from the Report of 1934 and at the close of the five months covered by this Report two men are in custody awaiting trial.

## BANK ROBBERIES

*Bank of Nova Scotia, Wellington.*

Sometimes between Saturday noon, March 23rd, and Monday, March 25th, 1935, the Bank of Nova Scotia vault at Wellington was broken into from the rear of the Bank. An aperture was drilled through a brick wall approximately two feet thick, and $1,200.00 in silver coins stolen.

After the thieves made their exit, books were placed back on the shelves and the aperture was hardly noticeable except for a slight current of air, and on this account a delay occurred in making the discovery of the theft.

Officers of this Force detailed from Belleville District Headquarters assisted local police officials and a thorough investigation was carried out, but to date we have been unable to obtain sufficient information to make possible the arrest of those responsible for this crime.

## DEATHS FROM VIOLENCE AND UNNATURAL CAUSES

The following number of deaths from violence and other unnatural causes were reported to and investigated by members of this Force during the five months period covering this Report:—

| | |
|---|---|
| Murder | 9 |
| Manslaughter | 19 |
| Suicide | 39 |
| Drowning | 19 |
| Automobile Fatalities | 55 |
| Other causes, i.e., shooting, burns, etc. | 71 |
| Total | 212 |

The investigation and assistance rendered in these cases cause a great deal of work for the members of the Force, all of which is very necessary so that the full facts can be laid before the Coroner and Crown Attorney.

## MURDERS

### *Donald H. Wilson, Port Hope.*

On October 28, 1934, Donald H. Wilson, editor of the "Port Hope Guide", died under suspicious circumstances at the General Hospital, Port Hope.

Dr. Diamond, Coroner, ordered a post mortem and the viscera was forwarded to Professor L. J. Rogers, Toronto, for analysis, who, after examination, reported a large amount of arsenic in the organs.

An exhaustive enquiry was at once undertaken, during which Mrs. Donald H. Wilon, wife of the deceased, was very closely questioned.

On the morning of November 3rd, Mrs. Donald Wilson and an infant son were reported missing from the home of here foster-parents, Mr. and Mrs. Blake Symonds.

An immediate search was instituted with the result that the dead bodies of Mrs. Wilson and baby son were found the same morning in shallow water on the shore of Lake Ontario near Port Grimsby, she having apparently drowned herself and child.

Inquests were held into the deaths of Donald Wilson, wife and baby, and open verdicts returned. The enquiry into the death of Wilson was continued, but so far no new evidence has been obtained.

### *Baby Irwin, Kincardine.*

On Novembr 22, 1934, the dead body of a newly born infant was found outside a house at Kincardine, Ontario, where Margaret Irwin was employed as a domestic.

Enquiries showed that Margaret Irwin had very recently been confined and upon being questioned she stated that she had given birth to a child and immediately threw it out of the window.

The doctor, upon examining the child, stated that it had died from a fractured skull.

Margaret Irwin was arrested and charged with the murder of her son,. Her case came to trial at Walkerton on April 10, 1935, before Mr. Justice Hope and Jury, who returned a verdict of Not Guilty due to her being temporarily insane at the time of her crime.

### *Neil Thompson and Ina Thompson, Murray Township.*

At midnight, December 12, 1934, Marjorie Thompson, aged 19, daughter of BlakeThompson, farmer, 9th Concession of Murray Township, shot and killed her brother Neil, age 10, and sister Ina, age 9, with a .22 calibre rifle as they lay in bed in their home.

Enquiries showed that Marjorie Thompson had for some time been suffering from a nervous disease and kept more or less under observation.

The day prior to the shooting she had watched, through a window, other members of her family kill a number of pigs by shooting them with a rifle, then sticking them to bleed them, and it was surmised this had affected her mind.

Marjorie Thompson was charged with the murder of her brother and sister and appeared in Police Court before Magistrate Campbell.

After several remands and examinations by doctors, it was decided that she was not responsible for the offense she had committed and was, therefore, committed to the Ontario Hospital for Mental Patients.

*Albin Joseph Evers, Trout Creek.*

On December 29, 1934, Edward Hummel of Trout Creek, Ontario, shot and killed Albin Joseph Evers, a resident of Trout Creek, on the main street of the Village, with a revolver.

Hummel was placed under arrest, charged with Murder. He made a statement that he shot in self-defence. There had been ill feeling between them for some time.

He came to trial May 7, 1935, at Parry Sound, Ontario, before Mr. Justice Henderson and Jury, who returned a verdict of Not Guilty, accepting the plea that the shooting was the outcome of an attack by Evers and that Hummel fired in self-defence.

*Samuel Salt, Gravel*

On January 3, 1935, Samuel Salt, night-watchman at a Trans-Canada Construction Camp at Gravel, Ontario, was found unconscious outside one of the Company's huts suffering from a severe wound in his head. Salt died soon after admission to Hospital.

As a result of extensive enquiries, one Szymon Syp was arrested at Port Arthur and charged with the murder of Salt. He came to trial on March 12, 1935, before Mr. Justice Makins and Jury and a verdict of Not Guilty was returned.

Syp, on being discharged, was immediately re-arrested on two charges of Forgery and Uttering cheques which had been issued to and stolen from Samuel Salt.

On these charges Syp was convicted and sentenced to four years in the Penitentiary.

*Lila Pickering, Carleton Place*

On February 14, 1935, Lila Pickering, a single woman, died whilst on the examination table in the office of Dr. Hobson, Perth.

From enquiries made it was decided that her death resulted from an attempted abortion.

On instructions of the Crown Attorney a charge of Murder was laid against Dr. Hobson and Rupert Mackler, who admitted reponsibility for her pregnancy, and both were committed for trial.

On March 18, 1935, Dr. Hobson came to trial at Perth before Mr. Justice McAvoy and Jury on charges of Manslaughter and Procuring Illegal Operation and he was acquitted on both counts.

The charge against Rupert Mackler was traversed to a later date and eventually withdrawn.

*Dan Elijah, Dunwich Township, Elgin County*

On February 16, 1935, whilst Ernest Cornelius and Dan Elijah, Indians, employed at wood cutting on the farm of John H. Miller, 3rd Concession, Dunwich

Township, County of Elgin, were engaged in a drinking bout, they fought, and Cornelius drew a knife and so severely wounded Elijah that he died shortly after being admitted to the Memorial Hospital at St. Thomas.

Cornelius was arrested and charged with Murder. His case came to trial at St. Thomas on March 23, 1935, before Mr. Justice Henderson and Jury.

After hearing the evidence, the Jury returned a verdict of Manslaughter and Cornelius was sentenced to five years in the Penitentiary.

*George Bilton, Township of Townsend, Norfolk County*

On February 21, 1935, the home of George Bilton of the Township of Townsend, County of Norfolk, was found to be on fire. Upon investigation being made the dead body of George Bilton was found on the premises, with head crushed in.

From enquiries made, suspicion centered upon one Dawson Maracle, an Indian, who had worked with Bilton. He was later arrested and confessed that he had killed Bilton in a fight then set fire to the house and stole a quantity of provisions from the house, which were recovered at Maracle's home.

Maracle was charged with Murder, but the Grand Jury brought in a True Bill for Manslaughter and he was convicted on that charge and sentenced to ten years in the Penitentiary.

*Herbert Berger, Alice Township, County of Renfrew*

On March 12, 1935, the house and farm buildings of Herbert Berger, farmer of Alice Township, Renfrew County, were burned down. An investigation was made and the body of Berger was found in the ruins very badly burned.

Upon closer examination he was found to have a badly fractured skull.

In continuing the enquiry, suspicion centered upon one Leslie Scheunemann, a mental defective and neighbor of Berger, who was arrested and gave a statement admitting that he had killed Berger with an axe, cut the body into pieces, then set fire to the house and thrown the parts of the body on the fire.

Scheunemann is now awaiting trial.

## LIQUOR CONTROL ACT

There has been a decided decrease in offences prosecuted by members of the Force under the provisions of The Liquor Control Act.

Prosecutions for all offences totalled 661 for the period November 1st, 1934, to March 31st, 1935.

The following table gives the prosecutions, convictions, dismissals, etc., also the fines imposed for violations of various sections of the Act during the five months period as above:—

| | Prosecutions | Convictions | Dismissals | Withdrawn | Committed | Awaiting Disposal | Fines Collected |
|---|---|---|---|---|---|---|---|
| Drinking in Public Place. | 101 | 96 | 3 | 2 | 9 | ........ | $ 1,285.00 |
| Drunk in Public Place... | 227 | 215 | 8 | 4 | 61 | ........ | 1,567.00 |
| Having or Consuming in Hotel................ | 3 | 3 | ....... | ....... | ....... | ........ | 300.00 |
| Having Without Permit.. | 58 | 44 | 13 | 1 | 18 | ........ | 2,800.00 |
| Illegal Use of Permit.... | 1 | 1 | ....... | ....... | ....... | ........ | 10.00 |
| Infractions Liquor Control Board Regulations | 40 | 34 | 5 | 1 | 4 | ........ | 908.00 |
| In Possession of Liquor Without Board's Seal.. | 6 | 5 | ....... | 1 | 1 | ........ | 70.00 |
| Keeping in Unlawful Place................ | 44 | 31 | 8 | 5 | 10 | ........ | 2,250.00 |
| Miscellaneous Offences... | 10 | 8 | 1 | 1 | 3 | ........ | 50.00 |
| Permitting Drunkeness in Private Residence .. | 20 | 19 | 1 | ....... | 5 | ........ | 250.00 |
| Sale or Keeping for Sale . | 66 | 35 | 20 | 11 | 34 | ........ | ......... |
| Supplying Liquor to Minors............... | 13 | 7 | 1 | 5 | 4 | ........ | 30.00 |
| Unlawful Possession..... | 65 | 56 | 5 | 4 | 33 | ........ | 2,785.00 |
| Unlawful Purchase...... | 7 | 6 | 1 | ....... | 3 | ........ | 70.00 |
| TOTAL............ | 661 | 560 | 67 | 34 | 185 | ........ | $12,375.00 |

There were 138 liquor permits seized and sent forward with a recommendation that they be cancelled. In each case where it was considered that the report of the officer justified the cancellation of the permit in question, the permit was forwarded to the Liquor Control Board recommending such cancellation. This was a considerable decrease over the same period in 1933-34.

There were 130 samples of liquor forwarded to this office for analysis from various Police Departments throughout the Province, a decrease over the same period in 1933-34.

The Motorcycle Patrol has accomplished much good work in connection with the enforcement of The Liquor Control Act. During the five month period they were responsible for 35 prosecutions, the seizure and confiscation of a quantity of liquor and assorted wines.

Exemplary penalties have been imposed in the majority of cases where persons are found in possession of alcohol and quite frequently prosecutions have been instituted under The Excise Act as well as The Liquor Control Act. The amount of alcohol seized during the five months shows a marked decrease compared with that seized during the corresponding period 1933-34.

## REPORT OF MOTORCYCLE PATROL

In continuation of the policy followed by members of the Force in previous years that prevention is better than cure, minor offenders have been warned rather than prosecuted.

Appended hereunder is a return giving the particulars as to prosecutions, penalties, etc., resulting from the work of the Motorcycle Patrol during the period covered by this Report:—

### Mileage of King's Highways Patrolled

| | |
|---|---|
| Mileage Patrolled as of March 31st, 1935 ...................... | 3,559 |
| Number of Details Covered ........................................ | 90 |
| Approximate mileage assigned to each detail .................. | 39.5 |

### PROSECUTIONS

| | | | |
|---|---|---|---|
| Under H.T.A. | 2,025 | Fines | $12,808.58 |
| " L.C.A. | 35 | " | 342.40 |
| " C.C. | 84 | " | 130.00 |
| Misc. Acts | 97 | " | 702.50 |
| Total Pros. | 2,238 | Total | $13,953.48 |

Licenses Suspended — 84
Warnings given and recorded — 14,883
Thirty-nine stolen cars were recovered and returned to owners.

### ACCIDENTS

| | |
|---|---|
| Non fatal on King's Highways | 775 |
| Fatal on King's Highways | 53 |
| Non fatal at Railway Crossings | 7 |
| Fatal at Railway Crossings | 2 |
| Number of persons killed | 60 |

### MILES TRAVELLED ON DUTY

| | |
|---|---|
| Miles travelled by Motorcycle Patrol | 532,335 |
| Miles travelled by car | 4,508 |
| Total | 536,843 |

### VOLUNTARY SECURITY PLAN

| | |
|---|---|
| Number of cases in which form was used | 60 |
| Amount accepted under plan | $679.70 |

### ESCORTS

| | |
|---|---|
| Miles travelled on actual Escort Duty | 1,007 |
| Miles travelled account Escort Duty | 2,154 |
| Number of hours on Escort Duty | 217 |
| Number of hours on Special Duty | 170 |

### WARNINGS GIVEN AND RECORDED

| | |
|---|---|
| Under Section 9 and its subsections | 6,995 |
| For other minor violations | 7,888 |
| Total | 14,883 |

## STATISTICAL RETURNS

Returns of prosecutions, convictions, dismissals, withdrawals, etc., by Districts, for offences under The Liquor Control Act, covering the period November 1st, 1934, to March 31st, 1935:—

| | Prosecutions | Convictions | Dismissed | Withdrawn | Awaiting Trial |
|---|---|---|---|---|---|
| No. 1 District Headquarters Windsor | 18 | 17 | 1 | ....... | ......... |
| No. 2 " " London | 57 | 44 | 8 | 5 | ......... |
| No. 3 " " Hamilton | 16 | 14 | 1 | 1 | ......... |
| No. 4 " " Niagara Falls | 21 | 17 | 4 | ....... | ......... |
| No. 5 " " Toronto | 44 | 32 | 6 | 6 | ......... |
| No. 6 " " Kitchener | 64 | 54 | 7 | 3 | ......... |
| No. 7 " " Barrie | 52 | 47 | 2 | 3 | ......... |
| No. 8 " " Belleville | 86 | 77 | 9 | ....... | ......... |
| No. 9 " " Perth | 115 | 105 | 6 | 4 | ......... |
| No. 10 " " Haileybury | 47 | 39 | 7 | 1 | ......... |
| No. 11 " " Sudbury | 35 | 30 | 4 | 1 | ......... |
| No. 12 " " Port Arthur | 106 | 84 | 12 | 10 | ......... |
| TOTAL | 661 | 560 | 67 | 34 | ......... |

Total fines imposed in connection with above prosecutions, $17,412.00.

Returns of prosecutions, convictions, dismissals, etc., (exclusive of offences against The Liquor Control Act) by Provincial Police Districts, covering the period November 1st, 1934, to March 31st, 1935:—

| | Prosecutions | Convictions | Dismissed | Withdrawn | Awaiting Trial |
|---|---|---|---|---|---|
| No. 1 District Headquarters Windsor | 122 | 73 | 13 | 35 | 1 |
| No. 2 " " London | 266 | 184 | 63 | 19 | ......... |
| No. 3 " " Hamilton | 169 | 134 | 20 | 10 | 5 |
| No. 4 " " Niagara Falls | 182 | 114 | 37 | 21 | 10 |
| No. 5 " " Toronto | 58 | 43 | 8 | 7 | ......... |
| No. 6 " " Kitchener | 284 | 226 | 52 | 6 | ......... |
| No. 7 " " Barrie | 149 | 126 | 15 | 8 | ......... |
| No. 8 " " Belleville | 154 | 127 | 18 | 8 | 1 |
| No. 9 " " Perth | 375 | 314 | 46 | 15 | ......... |
| No. 10 " " Haileybury | 256 | 169 | 59 | 28 | ......... |
| No. 11 " " Sudbury | 189 | 130 | 36 | 19 | 4 |
| No. 12 " " Port Arthur | 265 | 190 | 37 | 30 | 8 |
| TOTAL | 2,469 | 1,830 | 404 | 206 | 29 |
| Motorcycle Patrol Returns | 2,109 | 1,823 | 211 | 71 | 4 |
| County Returns | 130 | 85 | 25 | 12 | 8 |
| GRAND TOTAL | 4,708 | 3,738 | 640 | 289 | 41 |

Total fines imposed in connection with above prosecutions, $10,057.00.

Classified return of prosecutions, convictions, dismissals, etc., for all offences covering the period of November 1st, 1934, to March 31st, 1935:—

| Offence | Convictions | Dismissals | Withdrawals | Awaiting Disposal | Total |
|---|---|---|---|---|---|
| Abortion | ........ | 1 | ........ | ........ | 1 |
| Abusive Language | ........ | ........ | 1 | ........ | 1 |
| Affray | 8 | ........ | ........ | ........ | 8 |
| Arson | 4 | 2 | 2 | ........ | 8 |
| Assault, Aggravated | 2 | ........ | ........ | ........ | 2 |
| Assault, Bodily Harm | 48 | 20 | 7 | 1 | 76 |
| Assault, Common | 133 | 34 | 27 | ........ | 195 |
| Assault, Indecent | 15 | 8 | 2 | 2 | 27 |
| Assault on Police Officer | ........ | 1 | ........ | ........ | 1 |
| Attempted Abortion | ........ | 1 | ........ | ........ | 1 |
| " Carnal Knowledge | ........ | 1 | ........ | ........ | 1 |
| " Gaol Breaking | 1 | ........ | ........ | ........ | 1 |
| " Murder | 1 | ........ | ........ | ........ | 1 |
| " Rape | 1 | ........ | ........ | ........ | 1 |
| " Robbery | 3 | ........ | ........ | ........ | 3 |
| " Suicide | 3 | ........ | ........ | ........ | 3 |
| " Theft | 1 | 1 | ........ | ........ | 2 |
| Attending Cock Fight | 17 | ........ | 5 | ........ | 22 |
| Bigamy | 3 | ........ | 1 | ........ | 4 |
| Breach of Bread Sales Act | 1 | ........ | ........ | ........ | 1 |
| " Children's Maintenance Act | 1 | ........ | ........ | ........ | 1 |
| " Children's Protection Act | 1 | ........ | ........ | ........ | 1 |
| " Customs and Excise Act | 10 | ........ | ........ | ........ | 10 |
| " Game and Fisheries Act | 89 | 17 | 10 | ........ | 116 |
| " Highway Traffic Act | 287 | 33 | 27 | 2 | 349 |
| " Indian Act | 8 | ........ | ........ | ........ | 8 |
| " Juvenile Delinquents Act | 3 | 1 | ........ | ........ | 4 |
| " Master and Servants Act | 21 | 13 | 7 | ........ | 41 |
| " Medical Act | 1 | ........ | ........ | ........ | 1 |
| " Offensive Weapons Act | 25 | 4 | ........ | ........ | 29 |
| " Ontario Securities Act | 4 | 1 | ........ | ........ | 5 |
| " Optometry Act | 3 | ........ | ........ | ........ | 3 |

| Offence | Convictions | Dismissals | Withdrawals | Awaiting Disposal | Total |
|---|---|---|---|---|---|
| “ Other Provincial Statutes | 10 | 1 | 6 | ........ | 17 |
| “ Private Detectives Act | 1 | ........ | ........ | ........ | 1 |
| “ Public Health Act | 2 | 2 | ........ | ........ | 4 |
| “ Railway Act | 2 | 1 | ........ | ........ | 3 |
| “ School Attendance Act | 1 | ........ | ........ | ........ | 1 |
| “ Theatres and Cinematographers Act | 1 | ........ | ........ | ........ | 1 |
| “ Transportation of Fowl Act | 1 | 1 | ........ | ........ | 2 |
| Breaking and Entering | 140 | 8 | 10 | ........ | 158 |
| Buggery | 2 | ........ | ........ | ........ | 2 |
| Burglary | 12 | ........ | ........ | ........ | 12 |
| Carnal Knowledge | 7 | 8 | 3 | ........ | 18 |
| Causing Bodily Injury | 16 | 17 | 1 | ........ | 34 |
| Concealment of Birth | 2 | ........ | ........ | ........ | 2 |
| Conspiracy | 3 | 1 | ........ | 2 | 6 |
| Corrupting Children | 4 | ........ | 3 | ........ | 7 |
| Counterfeiting | 1 | ........ | 1 | ........ | 2 |
| Criminal Negligence | 7 | 11 | 1 | ........ | 19 |
| Cruelty to Animals | 15 | 4 | ........ | ........ | 19 |
| Damage to Property | 56 | 12 | 4 | ........ | 72 |
| Disorderly Conduct | 47 | 5 | 4 | ........ | 56 |
| Disorderly House (Keeping) | 17 | 3 | 1 | ........ | 21 |
| Driving Whilst Intoxicated | 45 | 14 | 1 | 1 | 61 |
| Escaping from Custody | 3 | ........ | ........ | ........ | 3 |
| False Pretences | 49 | 24 | 13 | 9 | 95 |
| Forgery | 25 | 5 | 5 | ........ | 35 |
| Fraud | 29 | 12 | 1 | ........ | 42 |
| Gambling | 1 | ........ | ........ | ........ | 1 |
| Gaming House (Inmate) | 45 | 1 | ........ | ........ | 46 |
| Gaming House (Keeping) | 6 | ........ | ........ | ........ | 6 |
| Housebreaking and Theft | 13 | ........ | ........ | 4 | 17 |
| Incest | 3 | 1 | 1 | ........ | 5 |
| Indecent Acts | 7 | ........ | ........ | ........ | 7 |
| Injury to Animals | 10 | 3 | ........ | ........ | 13 |
| Insane Persons | 35 | 5 | 1 | ........ | 41 |
| Intimidation | 7 | 2 | ........ | ........ | 9 |
| Kidnapping | 2 | ........ | ........ | ........ | 2 |
| Lotteries | 3 | ........ | ........ | ........ | 3 |
| Manslaughter | 3 | 15 | ........ | 1 | 19 |
| Miscellaneous Offences | 17 | 1 | 5 | 2 | 25 |
| Mischief | 17 | 4 | ........ | ........ | 21 |
| Municipal By-Laws | 7 | 2 | ........ | ........ | 9 |
| Murder | ........ | 2 | ........ | 3 | 5 |
| Neglect of Children | 4 | ........ | ........ | ........ | 4 |
| Non-Support | 8 | 3 | 6 | ........ | 17 |
| Nuisance | 4 | 2 | ........ | ........ | 6 |
| Obscene Language | 1 | ........ | ........ | ........ | 1 |
| Obstructing Police Officer | 6 | ........ | ........ | ........ | 6 |
| Perjury | 3 | 7 | ........ | ........ | 10 |
| Pointing Firearms | 2 | 3 | ........ | ........ | 5 |
| Rape | 3 | 1 | ........ | 1 | 5 |
| Receiving Stolen Goods | 30 | 14 | 9 | 1 | 54 |
| Resisting Arrest | 1 | ........ | ........ | ........ | 1 |
| Robbery | 2 | ........ | ........ | ........ | 2 |
| Robbery Whilst Armed | 10 | ........ | ........ | 3 | 13 |
| Seduction | 5 | 1 | 1 | ........ | 7 |
| Shooting With Intent | 2 | ........ | ........ | ........ | 2 |
| Shopbreaking and Theft | 53 | 4 | 1 | 1 | 59 |
| Theft | 328 | 99 | 24 | 5 | 456 |
| Theft of Poultry | 15 | 2 | 4 | ........ | 21 |
| Threats | 5 | 2 | 1 | ........ | 8 |
| Trespass | 8 | 2 | ........ | ........ | 10 |
| Unlawful Assembly | 3 | 1 | 1 | ........ | 5 |

| Offence | Convictions | Dismissals | Withdrawals | Awaiting Disposal | Total |
|---|---|---|---|---|---|
| Vagrancy | 93 | 13 | 22 | ........ | 128 |
| Wife Desertion | 1 | 1 | ........ | ........ | 2 |
| Wounding With Intent | 10 | 2 | 1 | ........ | 13 |
| TOTAL | 1,965 | 460 | 220 | 38 | 2,683 |
| Highway Traffic Act cases prosecuted by Motorcycle Patrol | 1,773 | 180 | 69 | 3 | 2,025 |
| Liquor Control Act | 560 | 67 | 34 | ........ | 661 |
| GRAND TOTAL | 4,298 | 707 | 323 | 41 | 5,369 |

### Disposition of All Cases Prosecuted

| | |
|---|---|
| Convictions | 4,298 |
| Dismissals | 707 |
| Withdrawals | 323 |
| On Remand, Awaiting Trial, etc. | 41 |
| TOTAL | 5,369 |

Classification of penalties imposed upon persons convicted for all offences against the Criminal Code and other Dominion and Provincial Statutes:—

| | |
|---|---|
| Imprisonment as Penalty | 561 |
| Imprisonment in Default of Fine | 178 |
| Committed to Asylum | 39 |
| Fined and Fines Paid | 3,856 |
| Sentence Suspended | 604 |
| Otherwise Disposed of | 131 |
| TOTAL | 5,369 |

Arrested with or without warrant and persons summoned for offences against the Criminal Code and other Dominion and Provincial Statutes:—

| | |
|---|---|
| Arrested with Warrant under Criminal Code and other Statutes | 564 |
| Arrested with Warrant under Liquor Control Act | 63 |
| Arrested without Warrant under Criminal Code and other Statutes | 586 |
| Arrested without Warrant under Liquor Control Act | 369 |
| Summoned, etc. | 3,787 |
| TOTAL | 5,369 |

A classification of the ages of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes (exclusive of The Liquor Control Act and Highway Traffic Act cases prosecuted by Motorcycle Patrol):—

| | |
|---|---|
| Age 1-10 | 6 |
| " 10-15 | 33 |
| " 15-20 | 443 |
| " 20-30 | 923 |
| " 30-40 | 606 |
| " 40-50 | 375 |
| " 50-60 | 218 |
| " 60-70 | 73 |
| Over 70 | 2 |
| Companies | 4 |
| TOTAL | 2,683 |

A classification by nationalities of persons prosecuted for offences against the Criminal Code and other Dominion and Provincial Statutes (exclusive of The Liquor Control Act and Highway Traffic Act cases prosecuted by Motorcycle Patrol) :—

| | |
|---|---|
| Canadians | 2,129 |
| Americans | 21 |
| English | 126 |
| Indians | 50 |
| Irish | 21 |
| Italians | 25 |
| Poles | 39 |
| Russian | 38 |
| Scotch | 29 |
| Other Nationalities | 201 |
| Companies | 4 |
| TOTAL | 2,683 |

Classification of the sex of persons prosecuted for all offences against the Criminal Code and other Dominion and Provincial Statutes (exclusive of The Liquor Control Act and Highway Traffic Act cases prosecuted by Motorcycle Patrol) :—

| | |
|---|---|
| Male | 2,575 |
| Female | 104 |
| Companies | 4 |
| TOTAL | 2,683 |

Classification of marital state of persons prosecuted for all offences against the Criminal Code and other Dominion and Provincial Statutes (exclusive of The Liquor Control Act and Highway Traffic Act cases prosecuted by Motorcycle Patrol) :—

| | |
|---|---|
| Married | 1,215 |
| Single | 1,435 |
| Widows | 3 |
| Widowers | 26 |
| Companies | 4 |
| TOTAL | 2,683 |

### Number of Search Warrants Executed

| | |
|---|---|
| Under the Criminal Code | 903 |
| Under The Liquor Control Act | 1,684 |
| Number of Arrests for other Forces | 112 |
| Summonses served for other Forces | 364 |

## STOLEN PROPERTY RECOVERED

Property that had been reported through various sources as stolen was recovered by members of this Force to the value of $28,881.40.

## CONCLUSION

Before closing this report I wish to thank you for the helpful and sympathetic manner in which you have received any proposals I have laid before you either in the matter of law enforcement or for the welfare of the members of the Force, also to thank the Deputy Attorney-General and his staff for their ready assistance and advice given at all times.

I would like here to express my appreciation of the close cooperation of the Chief Commissioner of the Liquor Control Board in the many matters pertaining to the enforcement of The Liquor Control Act and to thank all Municipal Police Forces of the Province, the Royal Canadian Mounted Police, the Canadian Pacific and Canadian National Railway Police Forces, also Provincial and other Forces outside the Province for their effective assistance and ready cooperation during the period covered by this report.

I also take this opportunity of thanking the Press for their assistance and consideration, and I desire also to express my appreciation to all ranks of the Force for their loyal support and faithful attention to duty and to place on record the kind and helpful manner in which County Crown Attorneys and Magistrates have encouraged and assisted the members of the Force in matters appertaining to their duties.

Respectfully submitted,

Victor A. S. Williams,
*Commissioner of Police for Ontario.*

PROVINCE OF ONTARIO

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Department of

# Northern Development

Report of Operations under The Northern Development
Act, R. S. O. 1927, and The Colonization
Roads Act, R. S. O. 1927
AND AMENDMENTS

## For the Five Months Period ended March 31st

## 1935

PRINTED BY ORDER OF
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SESSIONAL PAPER No. 43

ONTARIO

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1936

To His Honour Dr. Herbert A. Bruce,

*Lieutenant-Governor of the Province of Ontario.*

May It Please Your Honour:

The Undersigned has the honour to present herewith Report on Operations under the Northern Development Act, R. S. O. 1927, and amendments, for the five months period ending 31st March, 1935.

Peter Heenan,
*Minister.*

Toronto, March 31st, 1935.

HONOURABLE PETER HEENAN,

*Minister of Lands and Forests.*

I have the honour to present herewith the Report on the construction and maintenance of roads and bridges and other operations, carried on under the provisions of the Northern Development Act, R. S. O. 1927, and amendments during the five months period ending the 31st of March, 1935.

R. A. CAMPBELL,
*Deputy Minister.*

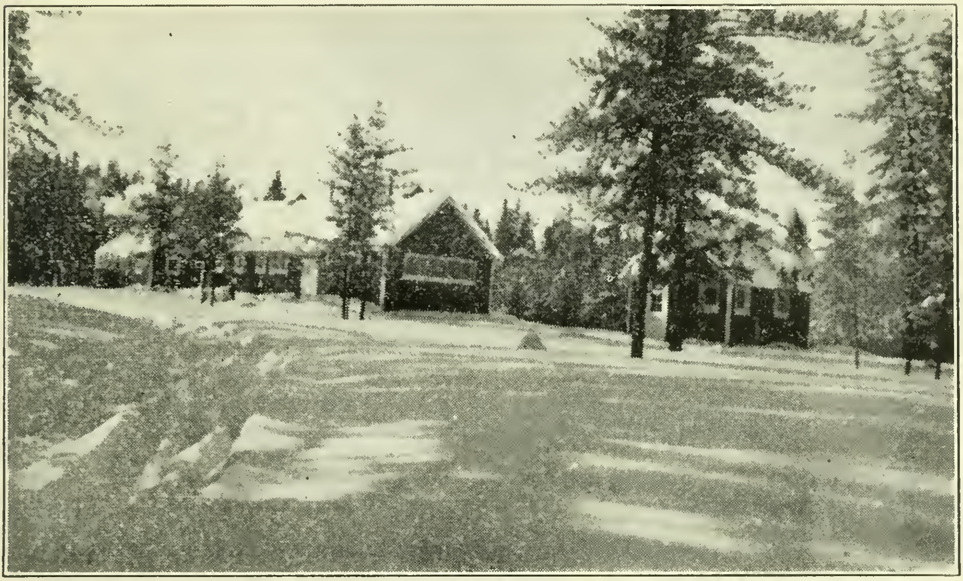
Toronto, March 31st, 1935.

# REPORT OF THE CHIEF ENGINEER

This report covers the five month period from November 1st, 1934, to March 31st, 1935, conforming with the traverse of the end of the fiscal year to the latter date. The character of the operations recorded vary from previous reports due to their being confined to winter activities.

## *Section 11 (B), Roads and Bridges.*

During the latter part of the previous fiscal year, surveys and studies were made in each District with the object of determining the priority of improvements in the area. This included in each instance an estimate of the cost.



Hospital at Bremner

Based on these reports the operations for the year were divided under the following heads: Contracts; Road Camps; Local Settlers' Camps; and Assisted Municipal Undertakings.

The selection of Staff and Key men for the field rested with Head Office and the allotment of all other personel with the Department of Labour.

Direction and supervision in the field was under twelve District Engineers. The Huntsville District was sub-divided and a new District of Parry Sound created.

Owing to the unusual prolongation of the final freeze-up many roads required maintenance throughout November and in some instances into the early part of December.

Close co-operation of District Engineers with Local Welfare Offices and the operation where practicable of a rotation system graded to the domestic responsibilities of the workmen gave a maximum distribution of wages in communities.

In one instance where it was necessary to place married men in a Road Camp a system of assigned pay was evolved with satisfactory results.

In Rainy River District this co-operation was in another form. During the winter it was ascertained a demand existed for pulpwood, hay and grain, but snow bound roads prevented its reaching the market. Some 350 miles of roads were opened and kept passable during the winter, enabling Settlers to live by their own Industry and practically eliminating District Relief in these Municipalities.

Appended to this report are tabulated statements of the work accomplished under each authorized expenditure. These have been arranged according to the Electoral District in which it was carried out.

*Direct Expenditure, Construction and Maintenance — Northern Development.*

The open fall season is reflected in the items of ditching, gravelling repairs and dragging. Other than these items the report indicates only necessary work was carried on during the winter. In addition to those items listed, the following miscellaneous works are to be added.

*Miscellaneous Works.*

Appendix "A" new road constructed, .50 miles; new gravel on old roads, 34.30 miles; gravel stock piled, 15,073 cu. yds.; crushed stone piled, 2,488 cu. yds.; ditches cleaned, 64.12 miles; guard cable used, 6,260 lineal feet; highway guard erected, 5,592 lineal feet; highway guard repaired, 54 lineal feet; number of posts set, 500; number of posts painted, 161; number of piles driven, 68; number of Ferry trips, 3,364; miles, 640; lake and road signs erected, 360; lake and road signs repaired, 305; lake and road signs repainted, 977; lettered signs erected, 340; lake or river signs, 16; snow ploughing, 4,236 miles; traverse surveys, 11—126.25 acres; curves, 17—1.80 acre; railway crossing surveys, 1.00 acre; gravel pits, 2.00 acre; right-of-way, 28.36 ac.; cold patch retread, oil used, 60 gals.; stone fill, 201 cu. yds.; lumber on hand, 160,911 F. B. M.; machines overhauled: tractors, 26; autos, 3; power machines, 17; compressors, 5; graders, 8; cement mixers, 2; trucks, 3.

*Agreements.*

The bulk of this class of expenditure is undertaken in the summer months, leaving only those items that can suitably be carried on in cold weather. Appendix "B" records the latter.

*Unemployment Relief Works:*

This section represents the greater part of the Department's expenditure for the period. In addition to those listed in Appendix "C" there were many items of a miscellaneous nature. which are added to give a proper perspective to the work performed.

*Miscellaneous Works.*

Appendix "C" new road constructed, 22.11 miles; new road opened to the traffic, 13 miles; new road gravelled. 599.4 miles; new gravel on old roads, 39.03 miles; old roads abandoned, 7.00 miles; surfacing other than stone or gravel, 22.95 miles; curves built, 7—.46 miles; curves banked. 7—.41 miles; roads widened, 13.48 miles; road shoulders repaired, 39.36 miles; roads rip-rapped. 7,253 cu. yds.; gravel stock piled, 61,336 cu. yds.; crush stone piled. 21,877 cu. yds.: brush cleared, old right-of-way, 724.12 ac. and 145.06 miles; corduroy laid. .80 miles: creeks cleaned. 9.70 miles; culverts cleared of ice, 485; culverts cleared of debris. 183; culverts repaired, 33; ditches cleaned, 64.92 miles: offtakes built. 5.28 miles; ditch ex. spread. 100,528 cu. yds.—21.05 miles: guard cable used. 7.880 lin. feet; highway guards erected, 47,841 lin. feet; guard rails repaired, 580 lin. feet; number of posts set. 4,786; number of posts painted, 834; bridges dismantled, 2; piles driven, 231;

standard road signs erected, 54; lettered road signs erected, 362; road snow ploughing, 15,225 miles; traverse surveys, 15—478.75 ac.; curves, 93—10.31 ac.; drain, 7.78 ac.; railway crossing surveys, 4—2.26 ac.; gravel pits, 92.8 ac.; right-of-way, 87.60 ac.; trails built, 20 miles; stone fill, 5,765 cu. yds.; lumber cut, 7,600 F. B. M.; lumber purchased, 541,232 F. B. M.; lumber on hand, 140,282 F. B. M.; camps built, 34; camps moved, 3; machines overhauled: tractors, 7; autos, 3; power machines, 2; compressors, 1; graders, 8; cement mixers, 1; trucks, 3; dump waggons, 3.

### *Trans-Canada Highway.*

The progress during the winter, of this important highway is recorded in District reports and the miscellaneous work is as follows:—

Rip rapped road, 75 cu. yds.; snow-ploughing road, 20 miles; traverse surveys, 94.00 miles; curve, 25,74 miles; drains, 7—1.56 miles; rail crossings, 4—0.56 miles; gravel pit, 19 ac.; right-of-way, 20 acs.; lumber purchased, 121,636 F. B. M.; machines overhauled, 10.

### *Direct Relief.*

Only two Electoral Districts had expenditures under this heading, and these to a limited extent.

The work accomplished, which is listed in the Recapitulation as Appendix "E," follows:—

*Fort William.*—Stump and grub, .02 miles; ditching, 72 cu. yds.; new gravelling, 4.17 miles, with an expenditure of 4,928 cu. yds. of gravel; gravelling repairs, 3.51 miles, with 3,410 cu. yds. gravel; clay surfacing, with 1,231 cu. yds. and 3 wood culverts constructed. The total excavation in the area was: earth, 2,395 cu. yds., and rock, 190.

*Port Arthur.*—Cutting and burning of new road amounted to .01 miles. Two wood culverts were constructed and one wood bridge replaced. Earth excavation was 464 cu. yds., and rock, 50 cu. yds.

### *By-Law Work.*

The work on all by-Laws was reported in the previous year, though payments to the amount of $95,522.83 were made in this period.

### *Construction.*

Compressors, maintenance and other road machinery purchased during the grant year amounted to $38,180.55.

### *Special Aid.*

During February and March, special aid was authorized on a basis of the Department contributing two-thirds of the expenditure. The following Municipalities availed themselves:—

Armstrong
Barrie Island
Brethour
Bucke
Casey
Chamberlain
Dack
Dymond
Evanturel
Gillies
Hallam
Harley
Hilliard
Hudson
James
Kerns
Korah
Laird
McDonald, Meridith & Aberdeen Add'l.
Neebing
Nipigon
O'Connor
Oliver
Rayside
St. Joseph
Shuniah
Wicksteed

## DISTRICT REPORTS

*No. I—Muskoka and Part of Nipissing—E. J. Hosking, Huntsville.*

The majority of the work carried out was under the unemployment relief plan. In the District of Nippising, six Road Camps were operated with over 100 men in each camp. The work carried out was construction, on the Algonquin Park Road.

In Muskoka District the reconstruction of the Huntsville-Baysville Road was commenced, and two sets of camps were constructed. There were 135 men in each camp, and 8 miles of work opened up.

Improvements were made on secondary roads, the principal being cutting down some rock humps on the Bracebridge-Port Carling Road.

Rock Cut, Trans-Canada Highway

*No. II—Nipissing, Sturgeon Falls and Renfrew North—C. Tackaberry, North Bay.*

As in the previous year, the principal item of expenditure, under this heading, was in regravelling, establishing stock piles at troublesome points, and repairs to bridges. In North Renfrew the operations were confined to the Trans-Canada Highway, but in the other two Electoral Districts included both trunk and secondary roads.

Two survey parties were afield, one in Nipissing, traversing the Ferguson Highway and making studies of possible revisions, and another in Sturgeon Falls, similarly employed, in the North Bay-Hagar Road.

Details of the work are recorded in Appendix "A".

*Unemployment Relief.*

Three Road Camps, in Nipissing Electoral District, and Settlers' Camps adjacent to communities in both Nipissing and Sturgeon Falls Districts were operated during the winter.

On the projected road from Mattawa to connect with the North Bay-Temiskaming Road, a Road Camp of one hundred and fifty men capacity was established. They cut approximately two miles, stumped one mile and graded a half mile.

Two Road Camps were established on the Ferguson Highway, as well as some Settlers' Camps, employing North Bay men, who went out daily by truck. They were employed in building revisions to alignment, cutting down dangerous hills, and in regravelling, the most of the latter being North and South of Tilden Lake.

Thirty-eight miles of the North Bay-Sudbury Road from North Bay to Hagar were gravelled, except 2½ miles easterly from Sturgeon Falls, which was surfaced with crushed stone and clay.

In the vicinity of Warren and Rutter the main feeder roads and some twenty-five miles of Township Roads were regravelled, about 30,000 yards being used.

To provide for the anticipated increase in tourist traffic in this area, two and one-half miles of the road from Callender to the Dafoe Hospital was improved and regravelled.

On the road from Sturgeon Falls to Field a two mile diversion to eliminate two railroad crossings was 50% completed, and on the connecting road from Field to the Ferguson Highway two miles were completed and regravelled.

The above, along with other less extensive works, is summarized in Appendix "C" under the heading of the Electoral District concerned.

*Trans-Canada Highway.*

Expenditures under this heading were made in North Renfrew, in the main, it consisted of regravelling and establishing stock piles at points where trouble was anticipated with the spring break-up.

*Contracts.*

The grading of seventeen miles, from what is locally known as the School House Corners in Phelps Township, to the Big Jocko River, was undertaken by contract. Approximately fifteen miles had been cleared. During the winter weather the contractor concentrated on the heavier rock cuts in the vicinity of Miles 1, 3 to 4, 7 to 9 and 12.

*No. III—Sudbury—A. M. Mills, Sudbury.*

*Unemployment Relief.*

During the winter Road Camps were operated at Wanapitae, Markstay and two on the Chapleau-Iron Bridge Road. The two first mentioned were augmented by Settlers' Camps drawn from adjacent communities. Others were established on roads leading from Sudbury.

Where practicable and warranted. work was organized on roads within reach of settlements requiring assistance, and as their needs became apparent. additional numbers were authorized. Also, in order that the maximum number should benefit, a rotation system was in operation. The District Office co-operated with local Relief Offices, and through them transportation facilities were arranged, to enable men to avail themselves of work when too distant from their home to reach on foot.

*Construction.*

*North Bay-Sudbury Road.*

Work was commenced on a one mile diversion at the westerly limits of the Village of Wanapitae. When completed it will eliminate three dangerous curves. A 4,700 yard rock cut was made and approximately one-half the diversion completed.

East of Coniston about 1,500 feet of the existing twenty-four foot road was widened to thirty-two. This was an earth cut and only the urgency of Relief needs warranted its being proceeded with in winter.

In Awrey Township, west of Markstay, a Road Camp completed 65% of a three-quarter mile diversion. East of Markstay, Settlers' Camps commenced widening to thirty-two feet, and stock piled 3,400 yards of gravel.

In January, work was commenced in a new location from Sudbury to Coniston. This road crosses three large swamps, requiring to be drained by offtake ditches. Two of these were one and a quarter miles in length.

### *Chapleau-Iron Bridge Road.*

Operations here were a continuation of the previous years. As the year ends motor cars are operated on the snow to Mile 47 from Chapleau. Right-of-way is cleared to Mile 53. Gravel surfacing to Mile 43 and rock cuts in progress from Mile 47 to 50.

Keeping pace with the progress of the work one set of log camps were built at Mile 47 and the men advanced to that point.

Supplies were hauled and stored in the late fall and a bi-weekly tractor service operated during the winter for mail and current needs.

### *No. IV—Sault Ste. Marie—R. A. McAllister, Sault Ste. Marie.*

Every effort was made to co-operate with the various municipalities in this district with the view to reducing unemployment to a minimum during the winter period.

An average of seven Road Camps were operated, giving employment to 750 men. In the unorganized townships settlers' gangs were operated, providing work for 450 men. These men were given work on a part time basis according to the schedule drafted by the Department.

For assistance to organized municipalities the Department provided a special Winter Relief Agreement by which the Department contributed on a two for one basis. The municipalities of Wicksteed and Korah operated under the agreement and reduced direct relief to a minimum by doing so.

The work engaged in by the settlers' gangs and the special agreements was in the main part winter gravelling, although some cut and fill grade improvements were made.

In order to provide the necessary supplies for the Road Camps and to assist in the operating of Settlers' Camps, it was necessary to snow plow 66 miles of Trunk Road, the total snow fall being 113.5 inches.

The city of Sault Ste. Marie had a difficult relief problem to handle. The paper mill operated continuously, giving employment to about 500 men. The steel plant, however, only operated about 25% of the time with a peak force of about 1,500 men. Bush operations improved somewhat, giving employment to about 600 men.

### *No. V—Temiskaming—D. J. Miller, New Liskeard.*

#### *Unemployment Relief Expenditures.*

Three road camps were opened on the highways for the purpose of improving alignment, grades and vision.

1. At Wilson Lake, 9 miles south of Temagami, a revision 1,500 feet long was built to eliminate a section of crooked road.

2. Just south of Temagami rock cuts were widened and straightened and work was started towards widening the fill along Lake Temagami. This latter work will have to be continued at some future time before it will be completed.

3. At Whitney Lake, 12 miles north of Temagami, a fill was built across the lake to eliminate a very crooked section of road. This work was not quite completed when the camp was closed.

These three camps were used to absorb unemployed men in Cobalt, Haileybury, New Liskeard and the Townships of Bucke and Coleman. With the exception of keymen all the labour force was alternated, a man receiving two week's work in a month.

Throughout the unorganized townships a program of work was instituted aiming largely at the opening up of new roads for settlers. This work involved clearing, stumping and ditching. In all, 26 miles were cleared, 15 miles stumped and 48,379 cu. yds. taken out in ditching.

Later in the winter, gravelling work was started in the organized townships and 21,351 cu. yds. taken out. This was in some cases placed directly on the road, but generally was stock piled at convenient points for future distribution.

*Bridges.* Two timber bridges were built from creosoted timber stocks on hand.

*Grignon's Bridge.* Lots 2 and 3, Con. VI, Bucke Township. One 30 ft. timber truss span with one span of pile trestle at each end, 72 ft. overall length.

*Veley's Bridge.* Lot 9, Cons. IV and V, Hilliard Township. One 45 ft. timber truss span with one span of pile trestle at each end, 117 ft. overall length.

### *Contracts.*

A contract was let for the fabrication and delivery of the steel work for Calamity Gulch Bridge. This bridge is of the viaduct type and consists of one 90 ft. and four 45 ft. steel deck spans carried on steel towers. The bridge carries a 24 ft. concrete roadway. The concrete abutments and pedestal foundations were built under a separate contract in the previous fiscal year. The same firm also secured a contract for the erection of this steel work and this was successfully completed in March, 1935.

At Stoney Creek on the Ferguson Highway at Con. IV, Marquis-Pacaud Boundary some heavy cut and fill work for approaches to a new reinforced concrete bridge was carried on during the winter. This job was done by day work.

*Crushing Plant.* This plant, consisting of a crusher and portable steam engine, was operated during the months of February and March. The location was at a mine dump on Lot 1, Con. 1, Casey Township. 2,488 cu. yds. were crushed and stock-piled for summer use at an average cost of 93¼ cents per cu. yd.

*Bridges.* Two new wooden bridges were constructed.

*Laffreniere's Bridge.* Lot 12, Cons. IV and V, Henwood Township. A 45 ft. timber truss span with two spans of pile trestle at each end. 117 ft. overall length.

*Stubb's Bridge.* Lot 9, Cons. V and VI, Hilliard Township. A 45 ft. timber truss span with three spans of pile trestle approach. 87 feet overall length.

Both these bridges were built of creosoted timber from stocks on hand which had been framed to the old designs. Five timber bridges were repaired.

### *Road Maintenance.*

Owing to a very open fall maintenance had to be continued much later than usual. During November there were separate freeze-ups followed by thaws accompanied by rain which was very hard on gravelled road. Dragging machines had to continue working in November and gravelling repairs were carried on well into December.

### *No. VI—South Cochrane—A. T. Hamer, Matheson.*

With the exception of the regular Northern Development Expenditure, all work in this District came under the Unemployment Relief Fund.

The greater number of men employed were in Settler's Camps, only four Road Camps being established.

### *Main Trunk Roads.*

Timmins-South Porcupine—Continued widening of the road and banking of curves.

The Goodfish Road, progress made on revisions and improvement of existing grade.

Swastika-Matachewan Road, approximately twelve miles cleared stumped and grubbed.

### *Township Roads.*

The work consisted chiefly of clearing, grubbing and ditching of the roads and the repairing of bridges and culverts. Some regravelling and clay surfacing was carried out and where necessary for communication, snow was cleared after severe storms.

### *No. VII—North Cochrane—A. L. McDougall, Cochrane.*

### *Statutory-Unemployment Relief (Settlers' Camps).*

Very little work was done under the above scheme until January when all settlers who had been on direct relief were given an allotment of days' work per month which varied according to the number of their dependents. Approximately 2,500 men were given work by this method.

To the end of the period. in addition to other work, 43 miles of township roads were gravelled and 11 miles of offtake ditches were dug.

With very few exceptions the men were contented and expressed a decided proference for work rather than direct relief.

### *Northern Development.*

Maintenance work was closed down for the winter late in November. The grading of a diversion half a mile in length at Smooth Rock Falls on the Cochrane-Hearst Trunk Road was completed. Piling was driven for a bridge in Casgrain Township, consisting of 8 - 15 ft. spans.

The replacement of a timber crib pier on the east side of the Missinaibi River Bridge by piling was started in March. This pier was in a very dangerous condition.

The two scows for ferry service at the Abitibi and Ground Hog Rivers were both thoroughly overhauled during the winter and necessary repairs were made.

The mechanical grading equipment was all gone over and is in good condition. A portable gravel crushing plant was received which will enable us to get better results from several pits which have a considerable percentage of oversize gravel.

### *Proposed Trans-Canada Highway.*

A Road camp situated at Mileage 275½ on the Algoma Central Railway and on the route of the proposed link of the Trans-Canada Highway between Hearst and Hornepayne, was kept in operation with a force of about 50 men. Grading, claying and gravelling were carried on. This camp has accomodation for 125 men, but the force was reduced during November to suit the requirements of the work.

### *No. VIII—Fort William and Port Arthur—E. Smith, Fort William.*

During November. fifteen Road Camps west of Fort William were closed, leaving only three in operation during the winter. Work on this section was complete except gravelling which it was not practicable to carry out in winter weather.

East of Port Arthur, three camps were also closed leaving five in operation.

The surplus labour was then absorbed by three new camps on the Gunflint Highway, a connecting link between Fort William and the International Highway; and an additional three camps on the Shebandowan Road, a part of the projected Fort William-Fort Frances Road.

During February and March, the local unemployment situation made it necessary to employ approximately 800 men in Settlers' Camps.

In the organized townships, the Department two for one plan was operated to advantage, principally on gravelling and regravelling.

An effort was made as far as practicable to place married men in Road Camps where work was undertaken. In granting them this privilege they were required to assign a portion of their pay to their dependents.

In other Settlers' Camps, a rotation system was in operation, so designed that married men would receive at least ten days' work per month and unmarried, five. Evidence of the general satisfaction of the scheme is drawn from the absence of trouble in the camps during the year.

### *No. IX—Kenora—E. A. Kelly, Kenora.*

### *Northern Development.*

All Northern Development expenditures were confined to maintenance work, such as ditching, regravelling and late fall dragging on the Trans-Canada and the Fort Frances Highways.

Expenditures for maintenance amounted to approximately 14% of the total, the remaining 86% being expended on stores, tools and equipment, office, general expense, garage and warehouse.

### *Unemployment Relief.*

All work carried on and charged to general work — unemployment relief was either new construction or reconstruction of trunk, secondary trunk and township roads.

Four Road Camps were operated on the Sioux Lookout-Dinorwic Highway and one on the Hudson-Sioux Lookout Road. All other work was carried on by Settlers, chiefly on secondary and township roads.

The most important roads being constructed under the general work unemployment relief scheme are the Sioux Lookout-Dinorwic Highway and the Hudson Sioux Lookout Road, a total distance of approximately 53 miles. The roads are approximately 60% graded and the Siouxlookout-Dinorwic Highway is passable in dry weather.

The completion of these two roads will connect by highway transport with the two most important shipping bases for Red Lake and other Northern mining fields.

Considerable work was also done by settlers on the Redditt Road in reconstructing a portion leading out of Kenora. The Kenora-Fort Frances Highway was under construction by contract.

### *Trans-Canada Highway.*

Settlers' gangs were employed on the Trans-Canada Highway from Ignace to Osaquan, from Dinorwic to Vermillion Bay, and from Kenora to Keewatin.

Two Road Camps were operated between Ignace and Dyment and one between Vermillion Bay and Hawk Lake until the middle of January. Two camps were opened up and operated between Dyment and Dinorwic to the end of the fiscal year and two more camps operated the full fiscal year, covering a stretch of road for approximately 13 miles east of Kenora. In the latter part of November two camps were opened up between Keewatin and the Dog Farm to carry on the work that was abandoned in the spring of 1932. In March a contract was let for the completion of the grading of this section of road from Keewatin to the Dog Farm. In January, grading was finished by the contractors from Mile 17 to Mile 47 of the Vermillion Bay to Kenora Section.

Expenditures for these contracts (except for engineering as shown) are not included in this report.

The Trans-Canada Highway now connects the east and west boundaries of the District with 90 miles of new gravelled road, 47 miles of graded road and 88 miles of old trunk road which is being relocated and constructed to Trans-Canada Highway standards.

### *No. X—Rainy River-Fort Frances—G. H. Lowry, Fort Frances.*

The only construction work carried on during this period was on the Kenora-Fort Frances Highway. Two Road Camps were established, one about 20 miles north of Emo giving employment to an average of 190 men; and the second in the Kenora District, approximately 10 miles north of the Kenora-Rainy River boundary but supervised and handled from the Fort Frances office, carried an average complement of 185 men. These two camps, working in fairly heavy rock work, graded about 2 miles of road which will be surfaced and gravelled during the coming summer.

This work was carried out under the Statutory Unemployment Relief Scheme.

No settlers' gangs or direct relief work was in operation during this period.

Snow-ploughing was done on trunk and secondary trunk roads during the winter, approximately 350 miles of roads being kept open. This work proved of great value to both municipalities and unorganized territory by enabling the settlers to put their pulpwood, hay and grain on the market at the time when there was a demand for these products. By this means the unemployment and relief situation was relieved to the extent that very little direct relief was required.

During this period all mechanical grading equipment was given a thorough overhauling, which work, together with the snowploughing, was carried out under Northern Development Funds as was also some repair work on bridges on secondary and township roads.

Only one municipality (Worthington) carried out any work under agreement with the Department and that only for a small amount of gravelling.

### *No. XI—Algoma-Manitoulin—D. A. Maciver, Blind River.*

The work carried out during the above period in the Algoma Electoral District is described under four headings, namely: Department of Northern Development, Regular Work; Unemployment Relief Road Camps; Unemployment Relief Settlers' Camps and Direct Relief.

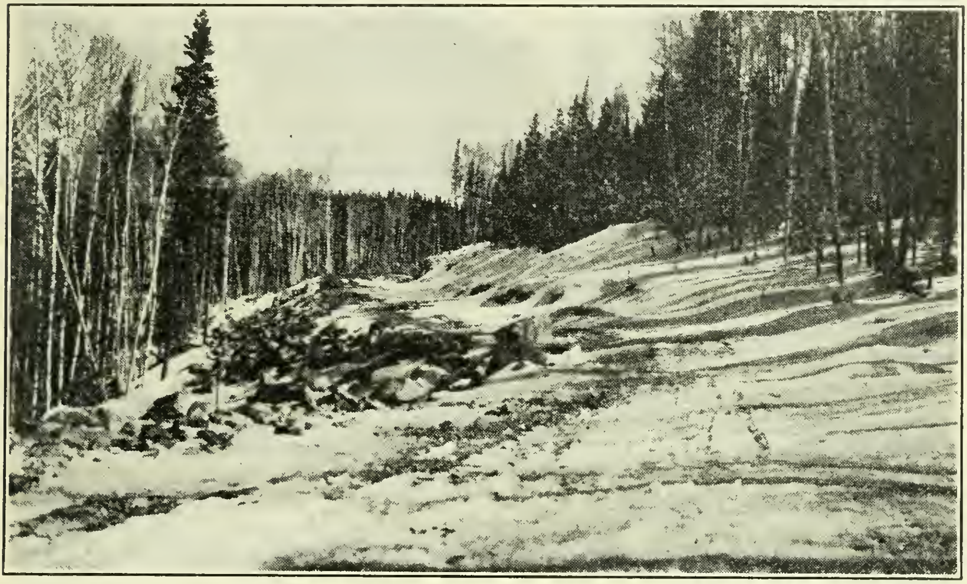
*Department of Northern Development, Regular Work.* This work, comprising the maintaining of the Sault-Sudbury Trunk Road, and Branch Trunk Roads, consisted chiefly in overhauling road maintenance equipment for use in the spring and summer months. Repairs were made on 35.5 miles of road, involving the excavation of 58 cubic yards of solid rock, 426 cubic yards of earth, and 3,140 cubic yards of ditching. Some mechanical dragging was done, the actual mileage dragged being 3,082 miles.

To provide a suitable place for repairing and storing equipment a two-storey warehouse, 38 ft. x 75 ft., and one-storey shed of frame construction on concrete foundations were built at Blind River. A repair shop, 62 ft. x 39 ft., of concrete, steel and tile was also constructed.

*Unemployment Relief Plan Road Camps.* A large proportion of the work carried out was under the above plan. The operation of the Road Camp at Desbarats on the Portlock-Pine Island Diversion of the Sudbury-Sault Trunk Road was continued, 3,317 cubic yards of solid rock and 6,917 cubic yards of earth being excavated and placed in fills. .8 miles were gravelled with 2,209 cubic yards of gravel. A new Road camp was constructed about 3½ miles west of Spanish and opened in December, 1934, for the purpose of continuing the Cutler Spanish Diversion of the Sault-Sudbury Road to Spragge. This camp operated to the end of the period. Two miles were cleared and stumped, 4,345 cubic yards of solid rock and 3,740 cubic yards of earth materials excavated and placed in fills. The Road Camp between Webbwood and McKerrow continued operations during the period, 4,060 cubic yards of solid rock and 12.011 cubic yards of earth materials being excavated and placed in fills, 2,043 yards were excavated from ditches. The operation of the Aubrey Falls Road Camps on the Iron Bridge-Chapleau Road was continued up to December, 1934, when the work was closed down. About ¾ miles of road was constructed, 50 cubic yards of solid rock and 10.381 cubic yards earth materials being excavated and placed in fills.

*Settlers' Camps.*

During the above period Settlers' Camps were organized and work carried on at different points of the Sault-Sudbury Trunk Road, Branch Trunk Roads and Township Roads. A Settlers' Camp operated at Desbarats in connection with the Road Camp, 3,135 cubic yards of solid rock and 6,707 cubic yards of earth materials being excavated and placed in fills. 3.4 miles were surfaced with 432 yards of clay and 7,830 yards of gravel. 1,606 cubic yards were excavated from ditches. Settlers' Camps operated between Nesterville and Bruce Mines, cutting down hills and eliminating sharp curve, 3,763 cubic yards of solid rock and 5,874 cubic yards of earth materials being excavated and placed in fills.



Rock Fill, Trans-Canada Highway

A Settlers' Camp operating near Thessalon on the Sault-Sudbury Trunk Road widening fills and bringing existing road up to trunk road standard, excavated 309 yards solid rock and 3.037 cubic yards earth materials. Another Settlers' Camp, operated on the Wharncliffe Road, near Thessalon, eliminating sharp corners and cutting down hills, excavated, and placed in fills, 3,512 cubic yards of solid rock and 37,726 cubic yards of earth materials.

The Matinenda Branch Trunk Road and the Scarfe Township Roads were completed in January, 1935, by a Settlers' Camp. About 1½ miles were cleared, stumped and grubbed, 193 cubic yards of solid rock and 4,893 cubic yards of earth material excavated, 17 wood culverts built, and 4.75 miles of road gravelled with 9,596 cubic yards of gravel. Settlers' Camps worked during the period on the Striker Township Road. 0.9 miles were cleared, 1.5 miles stumped and grubbed, 251 cubic yards of solid rock and 17,760 cubic yards of earth materials excavated and placed in fills.

Work commenced in March, 1935, by a Settlers' Camp on a new diversion 3.7 miles long of the Sault-Sudbury Trunk Road near the village of Algoma Mills. This diversion eliminates one level crossing and a series of short sharp curves. 2.75 miles were cleared and 2 miles stumped.

A Settlers' Camp assisted the Road Camp at McKerrow during the period, 1,895 cubic yards of solid rock and 7,831 cubic yards of earth materials being excavated and placed in fills.

### *No. XII—Parry Sound—R. E. Richardson, Parry Sound.*

Outstanding construction work during this period was confined to Road Camps. One situated on Gravenhurst-Parry Sound Road where 1.5 miles of road was constructed and 8.5 miles gravelled and thrown open to traffic. Four, situated between Parry Sound and Byng Inlet, where 8 miles of heavy construction was completed during this period. The 5 camps were 100 men each. but all were rotated, 900 receiving their share of work each month.

Approximately 700 relief men in unorganized townships were in Settlers' Camps during each month and rotated to schedule. The work confined chiefly to rock work and gravelling. During February and March organized Townships worked on a two for one arrangement for relief purposes and 500 men received their share of work each month in these municipalities. work consisting chiefly of winter gravelling.

All trunk roads and main leading secondary trunk roads were kept snow-ploughed and several miles of snow fence erected.

### *Section 11 (d) Creameries.*

The assistance in the development of dairying in Northern Ontario was continued by the Department by paying the salary, amounting to $200.00. of the buttermaker at Hearst Creamery.

### *Section 11 (h) Cattle Purchase.*

Total shipments during the five months' period ending March 31st, 1935. amounted to one carload. or 15 head of cattle. shipped to points west of Cochrane. The total expenditure was $1.041.41.

C. H. Meader,
Acting Chief Engineer,
Department of Northern Development.

## SUMMARY OF EXPENDITURES OF ALL SERVICES UNDER THE ADMINISTRATION OF THE DEPARTMENT OF NORTHERN DEVELOPMENT

For the Five Months Period Ended 31st March, 1935

| | | |
|---|---|---|
| Department of Northern Development | | $1,375,882 27 |
| Trans-Canada Highway, Unemployment Relief, Schedule 1D, 1E, 1F, Projects 1-7 | $1,886,804 39 | |
| General Work, Unemployment Relief, Schedules 2A-2Z inclusive | 6,849,412 35 | |
| Bridges on the Trans-Canada Highway between Mattawa and North Bay | 50 00 | |
| | | 8,736,266 74 |
| | | $10,112,149 01 |
| Colonization Roads Branch | | 152,033 86 |
| | | $10,264,182 87 |

## SUMMARY OF EXPENDITURE FOR THE TWENTY-THREE YEARS ENDED MARCH 31st, 1935

## THE NORTHERN DEVELOPMENT FUND

R. S. O. 1927, Chapter 36, Section 11

| Work Undertaken | Summary of Expenditure 23rd May, 1912, to October 31st, 1934 | Expenditure for five months period ended 31st March, 1935 | Total Expenditure to 31st March, 1935 |
|---|---|---|---|
| Section 11 (a)—Works and Improvements | $2,100 00 | ............ | $2,100 00 |
| Section 11 (b)—Roads and Bridges | 58,406,219 37 | $1,353,813 02 | 59,760,032 39 |
| Section 11 (d)—Farms | 206,110 04 | ............ | 206,110 04 |
| Section 11 (d)—Assistance of Settlers' Fire Relief | 329,099 50 | ............ | 329,099 50 |
| Section 11 (d)—Assistance of Settlers' Saw Mills | 14,945 90 | ............ | 14,945 90 |
| Section 11 (d)—Assistance of Settlers' Feed Shortage | 131,799 50 | ............ | 131,799 50 |
| Section 11 (d)—Creameries and Grain Elevators | 82,481 29 | 200 00 | 82,681 29 |
| Section 11 (f)—Seed Grain | 416,562 44 | 94 00 | 416,656 44 |
| Section 11 (f)—Agricultural Implements | 46,835 22 | ............ | 46,835 22 |
| Section 11 (h)—Purchase of Cattle | 119,329 76 | 1,041 41 | 120,371 17 |
| Section 11 (j)—Schools and Other Public Bldgs. | 52,999 29 | ............ | 52,999 29 |
| Section 11 (k)—Work not otherwise provided for | 4,519 27 | ............ | 4,519 27 |
| Returned Soldiers' and Sailors' Settlement Act, 1917 | 1,185,568 02 | ............ | 1,185,568 02 |
| | $60,998.569 60 | 1,355,148 43 | 62,353,718 03 |
| Settlers' Loan Account | 2,076,420 20 | 20,733 84 | 2,097,154 04 |
| | $63.074.989 80 | 1,375,882 27 | 64,450,872 07 |

## THE NORTHERN DEVELOPMENT FUND

R. S. O. 1927, Chap. 36, Sec. 8

Short Statement

| | | |
|---|---|---|
| April 16th, 1912 | —To, amount voted for Expenditure in N. & N. W. Ontario | $5,000,000 00 |
| March 26th, 1918 | “ “ “ “ “ | 5,000,000 00 |
| May 21st, 1921 | “ “ “ “ “ | 5,000,000 00 |
| May 8th, 1923 | “ “ “ “ “ | 5,000,000 00 |
| April 14th, 1925 | “ “ “ “ “ | 5,000,000 00 |
| April 8th, 1926 | “ “ “ “ “ | 5,000,000 00 |
| April 5th, 1927 | “ “ “ “ “ | 5,000,000 00 |
| March 28th, 1929 | “ “ “ “ “ | 5,000,000 00 |
| April 3rd, 1930 | “ “ “ “ “ | 10,000,000 00 |
| April 2nd, 1931 | “ “ “ “ “ | 5,000,000 00 |
| March 29th, 1932 | “ “ “ “ “ | 5,000,000 00 |
| April 18th, 1933 | “ “ “ “ “ | 3,000,000 00 |
| April 3rd, 1934 | “ “ “ “ “ | 3,000,000 00 |
| | | $66,000,000 00 |
| April 12th, 1912, to March 31st, 1935 | —By Expenditure for 23 years as per detailed statement | 64,450,872 07 |
| | Balance available April 1st, 1935 | $1,549,127 93 |

## DEPARTMENT OF NORTHERN DEVELOPMENT

Expenditure for the Five Months Period Ended 31st March, 1935

R. S. O. Chap. 36

| | | | |
|---|---|---|---|
| *Administration, Section 9 ($50,124.86)* | | | |
| Permanent Salaries | $40,664 99 | | |
| Contingencies | 9,459 87 | | |
| | | $50,124 86 | |
| *Less* Salary Assessments | | 1,167 88 | |
| | | | $48,956 98 |

*Roads and Bridges, Section 11 (b) ($1,304,856.04)*

| | | |
|---|---|---|
| District No. 1, Huntsville | $36.389 66 | |
| District No. 2, North Bay | 116.715 38 | |
| District No. 3, Sudbury | 56,492 28 | |
| District No. 4. Sault Ste. Marie | 90.848 11 | |
| District No. 5, New Liskeard | 142.078 10 | |
| District No. 6, Matheson | 162.336 86 | |
| District No. 7. Cochrane | 46,722 29 | |
| District No. 8. Fort William | 159,483 36 | |
| District No. 9. Kenora | 214.808 66 | |
| District No. 10. Fort Frances | 52.879 45 | |
| District No. 11, Blind River | 82.311 13 | |
| District No. 12, Parry Sound | 53,001 67 | |
| General Timber Account | 118,081 19 | |
| | $1,332,148 14 | |
| *Less* Repayments | 27.292 10 | |
| | $1,304.856 04 | |

*District No. 1, Huntsville ($36,389.66)*

*Engineer, E. J. Hosking. Huntsville*

| | | |
|---|---|---|
| Bracebridge-Dorset Road | $4.895 77 | |
| Falkenburg-Rosseau-Parry Sound Road | 5.147 24 | |
| Ferguson Highway | 2.155 05 | |
| Gravenhurst-Bala-Parry Sound Road | 2.537 79 | |
| Equipment and Tools | 13,998 21 | |
| Settlers' and Other Roads. Sundry Expenditure | 7.655 62 | |
| | | 36.389 66 |

*District No. 2, North Bay ($116,715.38)*

*Engineer, C. Tackaberry, North Bay*

| | | |
|---|---|---|
| Algonquin Park-Whitney Road | 22.374 09 | |
| Ferguson Highway | 4.254 92 | |
| North Bay-Sault Road | 3.612 81 | |
| North Bay—Temiskaming Road | 8,000 81 | |
| Pembroke-Callender Road | 6,610 36 | |
| Sturgeon Falls-Field Road | 1,095 38 | |
| Trans-Canada Highway | 3.288 07 | |
| Equipment and Tools | 25.343 27 | |
| Settlers' and Other Roads. Sundry Expenditure | 42,135 67 | |
| | | 116,715 38 |

*District No. 3. Sudbury ($56,492.28)*

*Engineer, A. M Mills, Sudbury*

| | | |
|---|---|---|
| North Bay-Sault Road | 6,871 52 | |
| Equipment and Tools | 28.095 99 | |
| Settlers' and Other Roads. Sundry Expenditure | 21.524 77 | |
| | | 56.492 28 |

*District No. 4, Sault Ste. Marie ($90.848.11)*

*Engineer, R. A. McAllister, Sault Ste. Marie*

| | | |
|---|---|---|
| Lochalsh-Goudreau Road | 1.799 21 | |
| Minto-Grace Mine Road | 4.550 88 | |
| North Bay-Sault Road | 4,109 66 | |
| Sault-Batchewana Road | 17,972 15 | |
| Second Line. Korah | 2.454 94 | |
| Equipment and Tools | 18.592 82 | |
| Settlers' and Other Roads. Sundry Expenditure | 41.368 45 | |
| | | 90.848 11 |

*District No. 5, New Liskeard ($142.078.10)*

*Engineer. D. J. Miller. New Liskeard*

| | | |
|---|---|---|
| Cuniptau Mine Road | 4,976 73 | |
| Elk Lake-Ashley Mine Road | 2.366 74 | |

*Roads and Bridges—Continued*

*District No. 5—Continued*

| | | |
|---|---|---|
| Ferguson Highway | 60,539 20 | |
| New Liskeard-Elk Lake Road | 8,190 64 | |
| Equipment and Tools | 17,799 88 | |
| Settlers' and Other Roads, Sundry Expenditure | 48,204 91 | |
| | | 142,078 10 |

*District No. 6, ($162,336.86)*

*Engineer, A. T. Hamer, Matheson*

| | | |
|---|---|---|
| Ferguson Highway | 16,734 47 | |
| Frederickhouse Lake Dam | 9,282 18 | |
| Kirkland Lake-Cheminis Road | 6,070 63 | |
| Munroe Road | 1,028 20 | |
| Porquis Junction-Timmins Road | 35,539 43 | |
| Timmins-South Porcupine Road, South Road | 17,189 22 | |
| Swastika-Matachewan Road | 1,092 65 | |
| Equipment and Tools | 32,473 25 | |
| Settlers' and Other Roads, Sundry Expenditure | 42,926 83 | |
| | | 162,336 86 |

*District No. 7, Cochrane ($46,722.29)*

*Engineer, A. L. McDougall, Cochrane*

| | | |
|---|---|---|
| Cochrane-Hearst Road | 8,062 91 | |
| Cochrane-Norembega Road | 1,682 61 | |
| Equipment and Tools | 16,171 49 | |
| Settlers' and Other Roads, Sundry Expenditure | 20,805 28 | |
| | | 46,722 29 |

*District No. 8, Fort William ($159,483.36)*

*Engineer, E. Smith, Fort William*

| | | |
|---|---|---|
| Dawson Road | 18,971 32 | |
| Dog River Road | 1,585 65 | |
| Geraldton-Little Long Lac Road | 38,023 90 | |
| International Highway | 21,377 32 | |
| Oliver Road | 1,176 55 | |
| Savant Lake Road | 3,929 78 | |
| Trans-Canada Highway | 3,069 76 | |
| Equipment and Tools | 18,507 33 | |
| Settlers' and Other Roads, Sundry Expenditure | 52,841 75 | |
| | | 159,483 36 |

*District No. 9, Kenora ($214,808.66)*

*Engineer, E. A. Kelly, Kenora*

| | | |
|---|---|---|
| Kenora-Fort Frances Highway | 4,672 40 | |
| Muriel Lake Road | 1,211 82 | |
| Root River Transportation Development | 80,000 00 | |
| Trans-Canada Highway | 9,123 38 | |
| Equipment and Tools | 43,819 96 | |
| Settlers' and Other Roads, Sundry Expenditure | 75,981 10 | |
| | | 214,808 66 |

*District No. 10, Fort Frances ($52,879.45)*

*Engineer, G. H. Lowry, Fort Frances*

| | | |
|---|---|---|
| Fort Frances-Rainy River Road | 3,036 89 | |
| Equipment and Tools | 14,093 59 | |
| Settlers' and Other Roads, Sundry Expenditure | 35,748 97 | |
| | | 52,879 45 |

*District No. 11, Blind River ($82,311.13)*

*Engineer, D. A. Maciver, Blind River*

| | | |
|---|---|---|
| Espanola-Little Current Road | 1,395 69 | |
| Iron Bridge-Parkinson Road | 1,156 56 | |

*Roads and Bridges—Continued*

*District No. 11—Continued*

| | | |
|---|---|---|
| North Bay-Sault Road | 9,900 34 | |
| Equipment and Tools | 1,080 79 | |
| Settlers' and Other Roads, Sundry Expenditure | 68,777 75 | |
| | | 82,311 13 |

*District No. 12, Parry Sound ($53,001.67)*

*Engineer, R. E. Richardson. Parry Sound*

| | | |
|---|---|---|
| Burks Falls-Parry Sound | 8,581 45 | |
| Elmsdale-Sprucedale Road | 1,273 40 | |
| Falkenburg-Rosseau-Parry Sound Road | 3,115 32 | |
| Ferguson Highway | 11,008 31 | |
| Powassan-Restoule Road | 976 00 | |
| Sundridge-Magnetewan Road | 3,244 78 | |
| Trout Creek-Loring Road | 5,273 04 | |
| Equipment and Tools | 8,408 14 | |
| Settlers' and Other Roads, Sundry Expenditure | 11,121 23 | |
| | | 53,001 67 |
| *General Timber Account* | | 118,081 19 |
| | | $1.332,148 14 |
| *Less* Repayments | | 27,292 10 |
| Totals | | $1.304,856 04 |

## DEPARTMENT OF NORTHERN DEVELOPMENT

### Miscellaneous Services

| | | |
|---|---|---|
| *Section 11 (d) Hearst Creamery* | | |
| Wages of Buttermaker | | $200 00 |
| *Section 11 (f) Purchase and Distribution ofSeed Grain* | | |
| Disbursements | | 94 00 |
| *Section 11 (h) Purchase of Cattle and Other Live Stock for Settlers' and Farmers* | | |
| Purchase of Cattle | $733 00 | |
| Services. Freight, Disbursements | 308 41 | |
| | | 1,041 41 |
| *Settlers' Loan Account* | | |
| Salaries and Wages | $4.354 16 | |
| Contingencies | 279 68 | |
| Loans to Settlers | 16.100 00 | |
| | | 20.733 84 |
| Total | | $22.069 25 |

## STATUTORY

### Unemployment Relief

*Trans-Canada Highway—($1,886.804.39)*

| | |
|---|---|
| *Ottawa Valley Section*: | |
| From Pembroke through Mattawa to North Bay | $204,973 58 |
| *Thunder Bay Section*: | |
| From Schreiber to Nipigon through Port Arthur and Fort William to English River | 702,710 80 |
| *Western Section*: | |
| From English River through Dyment, Dinorwic, Dryden, Kenora, to Manitoba Boundary | 906.777 41 |
| *General Expense Account* | 72,342 60 |
| Total | $1,886,804 39 |

## GENERAL WORK — UNEMPLOYMENT RELIEF ($6,849,412.35)

Clause 5, Schedules 2A - 2Z inclusive

| | |
|---|---|
| District No. 1, Huntsville | $247,394 15 |
| District No. 2, North Bay | 1,242,038 33 |
| District No. 3, Sudbury | 748,112 84 |
| District No. 4, Sault Ste. Marie | 464,033 17 |
| District No. 5, New Liskeard | 107,939 29 |
| District No. 6, Matheson | 218,465 38 |
| District No. 7, Cochrane | 217,855 74 |
| District No. 8, Fort William | 280,636 17 |
| District No. 9, Kenora | 664,367 74 |
| District No. 10, Fort Frances | 65,830 83 |
| District No. 11, Blind River | 537,802 88 |
| District No. 12, Parry Sound | 273,599 55 |
| General Expense Account | 93,364 64 |
| | $5,161,430 71 |

*District No. 1, Huntsville ($247,394.15)*

*Engineer, E. J. Hosking, Huntsville*

| | | |
|---|---|---|
| Bracebridge-Baysville-Dorset Road | $23,072 54 | |
| Falkenburg-Rosseau-Parry Sound Road | 11,701 96 | |
| Ferguson Highway | 2,856 44 | |
| Gravenhurst-Bala-Parry Sound Road | 6,732 54 | |
| Huntsville-Baysville Road | 64,732 57 | |
| Huntsville-Dwight-Dorset Road | 40,282 55 | |
| Settlers' and Other Roads, Sundry Expenditure | 98,015 55 | |
| | | 247,394 15 |

*District No. 2, North Bay ($1,242,038.33)*

*Engineer, C. Tackaberry, North Bay*

| | | |
|---|---|---|
| Algonquin Park-Whitney Road | 221,834 21 | |
| Bonfield Spur | 3,300 40 | |
| Ferguson Highway | 108,347 84 | |
| Field-Martin River Road | 47,339 69 | |
| Field-River Valley Road | 5,986 36 | |
| Hagar-St. Charles Road | 9,355 86 | |
| Noelville-Monetville Road | 3,678 25 | |
| North Bay-Sault Road | 86,034 98 | |
| North Bay-Temiskaming Road | 81,734 93 | |
| Pembroke-Calendar Road | 2,547 29 | |
| Sturgeon Falls-Crystal Falls Road | 5,311 90 | |
| Sturgeon Falls- Field Road | 74,471 29 | |
| Temiskaming-Mattawa Road | 3,850 80 | |
| Verner-Field Road | 6,271 17 | |
| Verner-Lavigne Road | 7,330 76 | |
| Warren-River Valley Road | 9,978 53 | |
| Warren-Rutter Road | 28,269 02 | |
| Settlers' and Other Roads, Sundry Expenditure | 536,395 05 | |
| | | 1,242,038 33 |

*District No. 3, Sudbury ($748,112.84)*

*Engineer, A. M. Mills, Sudbury*

| | | |
|---|---|---|
| Chapleau-Iron Bridge Road | 81,803 08 | |
| Chapleau-White River Survey | 9,920 70 | |
| Chelmsford-Blezard Valley Road | 11,753 23 | |
| Coppercliff-Creighton Road | 25,415 29 | |
| Foleyet Road | 2,827 00 | |
| Gogama-Duck Lake Road | 20,651 74 | |
| North Bay-Sault Road | 133,673 10 | |
| Sudbury-Britt Road (Survey) | 8,495 61 | |
| Sudbury-Burwash Road | 72 257 41 | |
| Sudbury-Chelmsford-Levack-Cartier Road | 63,958 80 | |
| Sudbury-Falconbridge-Skead Road | 17,445 74 | |
| Sudbury-Milnet Road | 34,272 90 | |
| Sudbury-Timmins Road (Survey) | 6,746 03 | |
| Westree-Shining Tree-Gowganda Road | 36,444 00 | |
| Settlers' and Other Roads, Sundry Expenditures | 222,448 21 | |
| | | 748,112 84 |

*General Work—Unemployment Relief—Continued*

*District No. 4. Sault Ste. Marie ($464,033.17)*

*Engineer, R. A. McAllister, Sault Ste. Marie*

| | | |
|---|---|---|
| Hornepayne Road | 24.526 61 | |
| North Bay-Sault Road | 6.063 82 | |
| People's Road | 2,147 45 | |
| Sault-Batchewana Road and Extension | 282,592 01 | |
| Sault-Island Lake-Searchmont Road | 21.247 62 | |
| Sault-White River Survey | 45.219 70 | |
| Wawa-Gold Mine Road | 3.217 97 | |
| White River-Franz-Oba Survey | 29.655 21 | |
| White River-Hornepayne Survey | 18,302 84 | |
| White River West Road | 21.225 28 | |
| Settlers' and Other Roads, Sundry Expenditure | 9,834 66 | |
| | | 464.033 17 |

*District No. 5, New Liskeard ($107,939.29)*

*Engineer, D. J. Miller, New Liskeard*

| | | |
|---|---|---|
| Ferguson Highway | 36,145 73 | |
| New Liskeard-Elk Lake Road | 2.934 03 | |
| Settlers' and Other Roads, Sundry Expenditure | 68.859 53 | |
| | | 107,939 29 |

*District No. 6, Matheson ($218,465.38)*

*Engineer, A. T. Hamer, Matheson*

| | | |
|---|---|---|
| Goldthorpe-Kirkland Lake Road | 1.154 33 | |
| Goodfish Road | 23.394 39 | |
| Kirkland Lake-Cheminis Road | 2,407 93 | |
| Kirkland Lake-Quebec Boundary | 1,112 65 | |
| Matheson-Shillington-Connaught Road | 1.514 22 | |
| Munroe Road | 1.513 00 | |
| Shillington-Monteith-Iroquois Falls Road | 1,112 85 | |
| South Porcupine-Timmins Road | 18.250 31 | |
| Swastika-Matachewan Road | 58.031 48 | |
| Settlers' and Other Roads, Sundry Expenditure | 109,974 22 | |
| | | 218,465 38 |

*District No. 7, Cochrane ($217,855.74)*

*Engineer, A. L. McDougall, Cochrane*

| | | |
|---|---|---|
| Cochrane-Hearst Road | 7,709 64 | |
| Hearst-Coppell-Hornepayne Road | 23.116 32 | |
| Settlers' and Other Roads, Sundry Expenditure | 187,029 78 | |
| | | 217,855 74 |

*District No. 8, Fort William ($280,636.17)*

*Engineer, E. Smith, Fort William*

| | | |
|---|---|---|
| Dawson Road | 131,533 43 | |
| Devon Road | 1.215 20 | |
| Gunflint Highway | 76,056 16 | |
| International Highway | 20,210 85 | |
| Schreiber-White River Survey | 17,461 20 | |
| Scoble Road | 3.409 00 | |
| Settlers' and Other Roads, Sundry Expenditure | 30.750 33 | |
| | | 280.636 17 |

*District No. 9, Kenora ($664,367.74)*

*Engineer, E. A. Kelly, Kenora*

| | | |
|---|---|---|
| East Melick Road | 3.716 31 | |
| Hudson-Sioux Lookout Road | 34.112 74 | |
| Kenora-Fort Frances Highway | 338.607 37 | |
| Kenora-Redditt Road | 29,955 80 | |
| Lac Lu Road | 5,425 22 | |
| Minaki Road | 7.181 48 | |
| Muriel Lake Road | 1,372 96 | |
| Sioux Lookout-Dinorwic Road | 139,432 32 | |
| Sioux Lookout-Superior Junction Road | 2,990 75 | |
| Vermillion Bay-MacIntosh Road | 3,150 00 | |
| Settlers' and Other Roads, Sundry Expenditure | 98,422 79 | |
| | | 664,367 74 |

*General Work—Unemployment Relief—Continued*

*District No. 10, Fort Frances ($65,820.83)*

*Engineer, G. H. Lowry, Fort Frances*

| | | |
|---|---|---|
| Fort Frances-Rainy River Road | 2,016 86 | |
| Kenora-Fort Frances Highway | 60,707 14 | |
| Settlers' and Other Roads, Sundry Expenditure | 3,096 83 | |
| | | 65,820 83 |

*District No. 11, Blind River ($537,802.88)*

*Engineer, D. A. Maciver, Blind River*

| | | |
|---|---|---|
| Blind River-Duborn Road | 5,938 03 | |
| Blind River-Iron Bridge Road | 3,829 90 | |
| Dunn Valley Road | 4,491 94 | |
| Espanola-Little Current Road | 35,688 61 | |
| Gore Bay-Meldrum Bay Road | 1,956 35 | |
| Gore Bay-Providence Bay Road | 1,584 65 | |
| Iron Bridge-Parkinson Road | 17,419 78 | |
| Little Current-Gore Bay Road | 26,165 25 | |
| Massey-Lee Valley Road | 2,859 80 | |
| North Bay-Sault Road | 239,385 42 | |
| Providence Bay-Manitowaning Road | 1,588 05 | |
| Shakespeare Road | 3,246 90 | |
| Sylvan Valley Road | 3,587 65 | |
| Wharncliffe Road | 49,337 72 | |
| Settlers' and Other Roads, Sundry Expenditure | 140,722 83 | |
| | | 537,802 88 |

*District No. 12, Parry Sound ($273,599.55)*

*Engineer, R. E. Richardson, Parry Sound*

| | | |
|---|---|---|
| Burks Falls-Parry Sound Road | 8,389 77 | |
| Falkenburg-Rosseau-Parry Sound Road | 6,641 66 | |
| Ferguson Highway | 2,560 45 | |
| Gravenhurst-Bala-Parry Sound Road | 33,723 49 | |
| Powassan-Restoule Road | 5,206 43 | |
| Parry Sound-Nobel-Pointe Au Baril Road | 126,368 98 | |
| Trout Creek-Loring Road | 7,387 88 | |
| Settlers' and Other Roads, Sundry Expenditure | 83,320 89 | |
| | | 273,599 55 |
| *General Expense Account* | | 93,364 64 |
| | | $5,161,430 71 |

## GENERAL WORK — UNEMPLOYMENT RELIEF ($1,687,981.64)

### Colonization Roads Area

*Addington-Frontenac Counties($248,399.38)*

| | | |
|---|---|---|
| Ardock Road | $2,626 98 | |
| Fernleigh-Myer's Cave-Arden Road | 7,644 94 | |
| Kaladar-Denbigh Road | 177,702 91 | |
| Levant Station-Sharbot Lake Road | 55,707 27 | |
| Other Roads, Sundry Expenditure | 4,717 28 | |
| | | $248,399 38 |

*Haliburton County ($278,975.71)*

| | | |
|---|---|---|
| Carnarvon-West Guilford Road | $5,905 17 | |
| Coboconk-Minden-Dorset Road | 52,594 67 | |
| Haliburton-Gooderham Road | 13,214 28 | |
| Haliburton-Guilford Road | 19,615 17 | |
| Kinmount-Gooderham Road | 25,387 27 | |
| Kinmount-Gooderham South Boundary Road | 59,678 44 | |
| Kinmount-Haliburton Road | 3,416 83 | |
| Minden-Haliburton Road | 50,043 15 | |
| Minden-Kinmount Road | 35,644 48 | |
| Other Roads, Sundry Expenditure | 13,476 25 | |
| | | 278,975 71 |

*General Work—Unemployment Relief—Continued*

| | | |
|---|---|---|
| *Hastings County ($254,322.46)* | | |
| Bancroft-Apsley Road | 6,002 93 | |
| Belleville-Bancroft Road | 144,152 66 | |
| Detlor Road | 10,112 51 | |
| Hybla Road | 11.006 04 | |
| Peterson Road | 14,453 32 | |
| St. Ola Siding-Murphy's Corners | 11.562 81 | |
| Other Roads. Sundry Expenditure | 57,032 19 | |
| | | 254,322 46 |
| *Lanark County ($31,272.46)* | | |
| Calabogie-Sharbot Lake Road | 17,084 85 | |
| Other Roads, Sundry Expenditure | 14,187 61 | |
| | | 31,272 46 |
| *Nipissing County* | | 117 28 |
| *Peterborough County ($193,033.79)* | | |
| Apsley-Cochill Road | 3,406 38 | |
| Buckhorn Road | 32,493 64 | |
| Burleigh Falls-Apsley-Bancroft Road | 106.989 98 | |
| Burleigh Falls-Buckhorn Road | 27,987 40 | |
| Galway-Swamp Lake Road | 2,994 85 | |
| Other Roads, Sundry Expenditure | 19,161 54 | |
| | | 193,033 79 |
| *Renfrew County ($390.434.50)* | | |
| Barry's Bay-Bell Rapids Road | 2.939 50 | |
| Brudenell-Killaloe Road | 6.012 79 | |
| Calabogie-Lanark Bdy. Road | 14,077 50 | |
| Carmac-Killaloe Road | 2,909 37 | |
| Eganville-Carmac Road | 5.471 50 | |
| Eganville-Killaloe Road | 9.966 30 | |
| Golden Lake-Killaloe Road | 105.430 76 | |
| Killaloe-Golden Lake-Dore Lake Road | 42.065 46 | |
| Madawaska-Barry's Bay Road | 24,794 69 | |
| Madawaska-Grass Lake Road | 5,768 17 | |
| Madawaska-Sabine Road | 2.589 78 | |
| Maynooth-Combermere-Barry's Bay-Pembroke Road | 94,005 77 | |
| Other Roads. Sundry Expenditure | 74,402 91 | |
| | | 390,434 50 |
| *Simcoe County* | | 6,361 37 |
| *Victoria County ($153,985.79)* | | |
| Bobcaygeon-Kinmount Road | 23.611 06 | |
| Coboconk-Minden-Dorset Road | 51.724 46 | |
| Coboconk-Rosedale Road | 8,068 48 | |
| Kirkfield-Falrymple Road | 29,352 55 | |
| Victoria Road | 5.045 60 | |
| Other Roads. Sundry Expenditure | 36,183 64 | |
| | | 153,985 79 |
| *Long Point-Port Rowan Road* | | 29,256 31 |
| *Rondeau Provincial Park* | | 62,458 94 |
| *Turkey Point Road* | | 39,363 65 |
| Total | | $1,687,981 64 |

## UNEMPLOYMENT RELIEF, 1934-35

| | |
|---|---|
| Bridges on the Trans-Canada Highway between Mattawa and North Bay | $50.00 |

## COLONIZATION ROADS BRANCH

| | | |
|---|---|---|
| *Salaries and Contingencies—* | | |
| Salaries | $4,072 91 | |
| Contingencies | 211 33 | |
| | | $4.284 24 |
| *By-Laws* | | 95,522 83 |
| *Construction and Maintenance* | | 51,082 88 |
| *Inspections* | | 1,143 91 |
| Total | | $152.033 86 |

## DEPARTMENT OF NORTHERN DEVELOPMENT

### Statement of Revenue for Five Months Period Ended March 31st, 1935

| | Capital | Ordinary | Total |
|---|---|---|---|
| *Section 11 (b)—Roads.* | | | |
| Sale of Equipment, Materials, Supplies, Rentals, Refunds, etc. | $24,079 93 | $3,212 17 | $27,292 10 |
| Note: Transferred as Expenditure Refund on Roads and Bridges Expenditure. | | | |
| *Section 11 (f)—Seed Grain.* | | | |
| Repayment of Principal | 2,976 93 | .......... | .......... |
| Interest | .......... | 250 91 | 3,227 84 |
| *Section 11 (f)—Agricultural Implements.* | | | |
| Repayment of Principal | 12 54 | .......... | .......... |
| Interest | .......... | 6 92 | 19 46 |
| *Section 11 (h)—Cattle Purchase.* | | | |
| Repayment of Principal | 1,041 56 | .......... | .......... |
| Interest | .......... | 59 21 | 1,100 77 |
| *Section 11 (d)—Assistance to Settlers; Feed Shortage.* | | | |
| Repayment of Principal | 24 43 | .......... | .......... |
| Interest | .......... | 2 33 | 26 76 |
| *General Account.* | | | |
| Bank Interest | .......... | 1,706 85 | 1,706 85 |
| *Settlers' Loan Account.* | | | |
| Repayment of Principal | 17,614 46 | 8,636 09 | 26,250 55 |
| | $45,749 85 | $13,874 48 | $59,624 33 |
| *Unemployment Relief:* | | | |
| Proportionate Repayment by Federal Government | $1,089,464 18 | ......... | $1,089,464 18 |

## DEPARTMENT OF NORTHERN DEVELOPMENT

### Assets—31st of March, 1935

| | Principal | Accrued Interest | Totals |
|---|---|---|---|
| *Notes Outstanding.* | | | |
| Section 11 (d)—Feed Shortage | $57,641 01 | $36,970 50 | $94,611 51 |
| Section 11 (f)—Seed Grain | 104,787 91 | 56,090 45 | 160,878 36 |
| Section 11 (f)—Agricultural Implements | 16,367 70 | 10,210 04 | 26,577 74 |
| Section 11 (h)—Cattle Purchase | 15,733 33 | 3,134 40 | 18,867 73 |
| | $194,529 95 | $106,405 39 | $300,935 34 |
| *Settlers' Loan Account.* | | | |
| Loans Outstanding | 791,877 80 | 119,832 78 | 911,710 58 |
| | $986,407 75 | $226,238 17 | $1,212,645 92 |

### Contingent Assets

| | |
|---|---|
| Roads, Land, Building, Plant, Equipment, Motors, Tractors, etc. | $471,755 11 |

W. Ll. Lawer,
*Accountant.*

## OFFICE OF SETTLERS' LOAN COMMISSIONER

Toronto, March 31st, 1935.

HONOURABLE PETER HEENAN,
*Minister in charge Department*
*Northern Development Buildings.*

HONOURABLE SIR:—

Attached hereto is the Financial Statement bringing the Accounts up to the end of March, the new Fiscal Year.

I wish to point out to you that Collections have been coming in somewhat better than they have in the past, which would indicate that conditions are improving in the North. From the period November 1st to March 31st, approximately $6,000.00 more have been received than for the same period last year. The number of applications has increased considerably also.

Owing to the fact that only a limited amount of funds are available this year, the amount granted has been on a smaller percentage basis than in the past.

C. H. FULLERTON,
*Commissioner.*

## STATEMENT OF LOANS ISSUED

### TO MARCH 31ST, 1935

| | | | |
|---|---|---|---|
| Total Number of Applications received: | | | |
| To October 31st. 1934 | | 10,198 | |
| Five Months ending March 31st. 1935 | | 77 | |
| | | | 10,275 |

### LOANS

| | | | |
|---|---|---|---|
| Loans Issued: | | | |
| To October 31st. 1934 | | 5,689 | |
| Five Months ending March 31st, 1935 | | 56 | |
| | | | 5,745 |
| Amount granted | | | $1,907,515 00 |
| Average Loan per Settler | | | 332 03 |
| Amount applied for | | | 3,983,151 00 |
| Number of Loans issued | 5,745 | | |
| Number of Loans Outstanding | 3,168 | | |
| Number of Loans paid in full | 2,577 | | |

## STATEMENT OF LOANS TO CREAMERIES AND OTHER LIKE ASSOCIATIONS

### INCLUDED IN THE ABOVE STATEMENT TO MARCH 31ST, 1935

*Applications and Loans*

| | Amount Granted | Amount Owing |
|---|---|---|
| The Sudbury Dairy Ltd | $24,000 00 | Nil |
| The Kenora Dairy Co-Operative Association Ltd | 13,000 00 | Nil |
| Producers Co-Operative Creamery Co. Ltd., La Vallee, Ont | 3,500 00 | $1,200 00 |
| The Matheson Co-Operative Dairy Co. Ltd | 7,530 00 | Nil |
| The Cochrane Co-Operative Dairy Co. Ltd | 7,830 00 | Nil |
| Northern Co-Operative Co. Ltd., Rydal Bank, Ont | 5,000 00 | 3,000 00 |
| The Thunder Bay Co-Operative Dairy Ltd | 18,600 00 | 11,850 00 |
| Fort Frances Creamery Co. Ltd., Fort Frances, Ont | 5,000 00 | 4,750 00 |
| Totals | $84,460 00 | $20,800 00 |
| Included in Bad Debts | | $22,647 11 |
| | | $43,447 11 |

## PAYMENTS ON ACCOUNT OF INTEREST

| | Accrued Interest Due | Interest Received | Per Cent |
|---|---|---|---|
| Loans to Settlers | $558,391 37 | $440,264 11 | .... |
| Loans to Creameries | 22,498 41 | 20,792 89 | .... |
| Total | $580,889 78 | $461,057 00 | 79.4 |

### On Account of Principal

| | Payments on Principal Due | Principal Received | Per Cent |
|---|---|---|---|
| Loans to Settlers | $1,388,147 98 | $1,074,624 31 | .... |
| Loans to Creameries | 63,910 00 | 41,012 89 | .... |
| Total | $1,452,057 98 | $1,115,637 20 | 79.6 |

### Total

| | Payments Due | Payments Received | Per Cent |
|---|---|---|---|
| Loans to Settlers | $1,946,539 35 | $1,514,888 42 | .... |
| Loans to Creameries | 86,408 41 | 61,805 78 | .... |
| Total | $2,032,947 76 | $1,576,694 20 | 77.5 |

| | | |
|---|---|---|
| Charges | $580,889 78 | $1,907,515 00 |
| Payments | 461,057 00 | 1,115,637 20 |
| Outstanding | $119,832 78 | $791,877 80 |
| Settlers | $119,045 33 | $748,430 69 |
| Creameries | 787 45 | 43,447 11 |

## STATEMENT OF LOANS ISSUED AND OUTSTANDING

| District | Issued | | Outstanding | | |
|---|---|---|---|---|---|
| | No. of Loans | Issued | No. of Loans | Unpaid Principal | Unpaid Interest |
| Algoma | 440 | $147,130 00 | 340 | $97,295 64 | $11,395 65 |
| Manitoulin | 15 | 6,000 00 | 5 | 614 90 | 75 06 |
| Nipissing | 335 | 115.020 00 | 214 | 54.310 71 | 7,910 16 |
| Sudbury | 470 | 194.255 00 | 312 | 88.571 68 | 8,780 50 |
| Kenora | 509 | 171,790 00 | 246 | 48,144 24 | 7.567 22 |
| Rainy River | 432 | 143.800 00 | 243 | 58,102 77 | 7.695 89 |
| Temiskaming | 2,365 | 737,345 00 | 1,166 | 254,999 70 | 45.313 67 |
| Thunder Bay | 1.178 | 392.025 00 | 641 | 158.820 26 | 31,094 63 |
| Parry Sound | 1 | 150 00 | 1 | 150 00 | |
| Totals | 5.745 | $1.907,515 00 | 3.168 | $761.009 90 | $119,832 78 |

| | | |
|---|---|---|
| Reserve for bad and doubtful debts | | $30.867 90 |
| | | $791.877 80 |
| To October 1st, 1934 | $1,891,415 00 | |
| To March 31st. 1935 | 16,100 00 | |

## SETTLERS' LOAN COMMISSIONER

### Statement of Receipts—Five Months Ending March 31st, 1935

| | |
|---|---|
| To payments on Principal | $17,614 46 |
| To Payments (Interest) | 8,635 30 |
| Miscellaneous Revenue | 50 |
| To Exchange | 29 |
| | $26,250 55 |

## SUMMARY OF RECEIPTS

### To March 31st, 1935

| | Payments on Principal | Interest Payments | Refund cost of Certificate of Search | Overpayments Refund | Exchange | Miscellaneous |
|---|---|---|---|---|---|---|
| | $1,098.022 74 | $452.421 70 | $279 04 | $93 07 | $47 85 | $848 80 |
| 1934.. | 17,614 46 | 8,635 30 | 50 | | 29 | |
| | $1,115.637 20 | $461.057 00 | $279 54 | $93 07 | $48 14 | $848 80 |

Bad Debts..............$30.867 90

## SETTLERS' LOAN COMMISSIONER

### Statement of Expenditure—Five Months Ending March 31st. 1935

| | | |
|---|---|---|
| *Salaries* | | |
| C. H. Fullerton. Commissioner | $1.875 00 | |
| A. E. MacLean. Senior Clerk | 1.041 66 | |
| M. L. Harper. Senior Clerk Stenog | 625 00 | |
| F. M. Jack. Clerk Stenog. Group 1 | 500 00 | |
| M. L. Potts. Clerk Stenog. Group 2 | 312 50 | |
| | | $4.354 16 |
| *Office Expense* | | |
| Stationery, etc | 104 60 | |
| Cost of Certificate of Search | 6 10 | |
| | | 110 70 |
| *Outside Expense* | | |
| Bastien, J. A | 4 50 | |
| Gingras, A | 4 25 | |
| Hough, Wm | 32 16 | |
| Lowe. J. S | 6 00 | |
| Millichamp, T. A | 36 00 | |
| Marchildon, J. P | 4 14 | |
| Smith, D | 4 28 | |
| Torrie, L | 62 19 | |
| Van Horn, L. E | 15 46 | |
| | | 168 98 |
| | | $4,633 84 |

## SUMMARY OF EXPENSES TO MARCH 31st, 1935

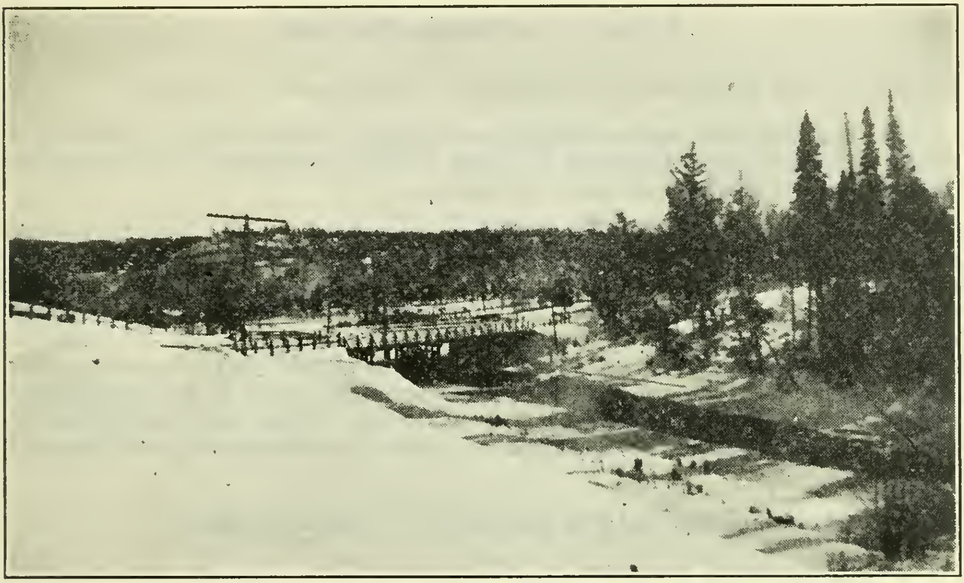
| | To October 31st, 1934 | Five Months ending March 31st, 1935 | Total |
|---|---|---|---|
| Salaries | $158,212 28 | $4.354 16 | $162,566 44 |
| Travelling Expenses | 1,259 85 | .......... | 1,259 85 |
| Office Expenses | 16.020 93 | 110 70 | 16,131 63 |
| Outside Expenses | 9.458 22 | 168 98 | 9,627 20 |
| | $184.951 28 | $4.633 84 | $189,585 12 |
| Refund on Overpayments | 53 92 | .......... | 53 92 |
| | $185,005 20 | $4.633 84 | $189.639 04 |

STATEMENT OF RECEIPTS

NOVEMBER 1st, 1934, TO MARCH 31st, 1935

RECEIPTS — ORDINARY

| Date | Interest on Loans | Principal | Misc. Revenue | Exchange |
|---|---|---|---|---|
| November, 1934 | $2,966 26 | $4,634 34 | .......... | 15 |
| December, 1934 | 890 55 | 2,529 87 | .......... | 01 |
| January, 1935 | 1,551 28 | 3,804 96 | 50 | .......... |
| February, 1935 | 1,209 75 | 2,981 90 | .......... | 05 |
| March, 1935 | 2,017 46 | 3,663 39 | .......... | 10 |
| Totals | $8,635 30 | $17,614 46 | $0 50 | $0 29 |



Head Lake Narrows Bridge, Haliburton

## COLONIZATION ROADS BRANCH

During the period under review a regrouping of the Colonization Roads Area was effected. In this the four Division Areas were reorganized into three, with offices at Kinmount, Madoc and Barry's Bay. These were under the Colonization Roads Engineer stationed at the Head Office in Toronto, who maintained liaison by periodic field inspections.

Also under the new arrangement Colonization Road Inspectors were placed on the staff of their Division Engineer from whom they now receive their instructions.

### *Direct Grant.*

The expenditure under this head for the five months was for right-of-way acquired, fencing and compensation for damage to property occasioned while blasting.

### *Special Aid.*

During February and March, special aid was authorized on a basis of the Department contributing two-thirds of the expenditure.

The following municipalities availed themselves.

Admaston Twp.
Alice Twp.
Anglesea Twp.
Bedford Twp.
Carlow Twp.
Dungannon Twp.
Effingham Twp.
Elzevir Twp.
Fraser Twp.
Griffith Twp.
Grimsthorpe Twp.
Herschel Twp.
Hungerford Twp.
Kaladar Twp.
Kennebec Twp.
Lutterworth Twp.
Matawatchan Twp.
Mayo Twp.
Monteagle Twp.
Orillia Twp.
Oso Twp.
Somerville Twp.

*Unemployment Relief.*

All operations under this head are included in Northern Development Appendix C.

## REPORT OF THE DIVISION ENGINEERS

*Simcoe, Victoria, Haliburton, Peterborough—T. C. Swartman, Kinmount.*

The most important and outstanding work in this Division was the completion of the scenic highway from Coboconk to Dorset and the completion of the Burleigh to Apsley section of the Burleigh-Bancroft Highway.

At the first of the year 1935, construction was started on nine Road Camps and these were all in operation by the middle of the month. Three of these camps were located on the Monck Road and a start was made to construct an up-to-date road from Orillia to Bancroft to fill a long required necessity. Three camps were also placed on the northern section of the Burleigh Falls-Bancroft Road north of Apsley to complete a gap that will give Peterborough and the population to the west a short road to the Ottawa Valley section of the province. The camps in this area relieved the unemployment situation in the counties of Victoria, Peterborough and Haliburton and considerable work was accomplished as is shown in accompanying work Report.

*Addington-Frontenac, East and West Hastings—C. F. Szammers, Madoc.*

During the period November 1st, 1934, to March 31st, 1935, the most important work on the Madoc Division was as follows:

A twenty-five mile diversion on the Hastings Road, between Madoc and Bancroft, was surveyed and six Road Camps erected and in operation.

The bad hill at L'Amable was relocated and under construction.

In the Addington-Frontenac District six Road Camps were in operation on the two main north and south roads, the Addington and Sharbot Lake, and progress made in reconstructing these.

Several settlers' groups in each of these counties operated during the winter, and important work was performed on secondary roads.

*Renfrew North, Renfrew South, Lanark—J. H. Curzon, Barry's Bay.*

During the period under review all work was carried out as construction under the Unemployment Relief Plan. Four new Road Camps were built, one of which was constructed of material salvaged from a camp which had been closed down. In all, seven Road Camps were in operation for at least part of the period. These camps, besides accomodating men from the Ridings in which they were situated, also had parties from Ottawa, Carleton Place, and other urban centres.

A total of 40 settlers' gangs operated on main leading roads, secondary roads and township roads. Some work was carried on the Special Aid Plan by Townships of Alice and Fraser, Admaston and Griffith and Matawatchan. Casual snow ploughing was done on main leading roads, using the regular construction gangs for the work. Some revisions were opened to traffic which eliminated tortuous sections of road as well as several railway crossings which were a menace to traffic. Generally, the work was a continuation with some curtailment of that carried on during the previous year. There were no serious labour troubles and no accidents.

R. G. Sneath,
*Colonization Road Engineer.*

| Electo |
|---|
| Algom |
| Cochr |
| Cochr |
| Fort |
| Kenor |
| Manit |
| Musko |
| Nipissi |
| Parry |
| Port A |
| Rainy |
| Renfr |
| Sault |
| Sturge |
| Sudbu |
| Temisk |
| To |

## APPENDIX A

### DEPARTMENT OF NORTHERN DEVELOPMENT-REPORT, Nov. 1, 1934-Mar. 31, 1935

### DIRECT EXPENDITURE

| Electoral District | Cutting and Burning New Road Miles | Side Brush Existing Road Miles | Stump and Grub Miles | Grading | | Ditching | Gravelling | | | | Clay Surfacing | | Crushed Rock | | | Dragging | Culverts | | | | Bridges | | | | | | | | | | | | Excavation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | New | Repair | | New | | Repairs | | | | | | | | | | | | New | | | Replaced | | | Repaired | | | Painted | | | | |
| | | | | Miles | Miles | Cu. Yds. | Length Miles | Cu. Yds. | Length Miles | Cu. Yds. | Length Miles | Cu. Yds. | Crushed Cu. Yds. | Hauled Cu. Yds. | Road Covered Miles | Miles | Wood | Stone | Concrete | Metal | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Earth Cubic Yards | Rock Cubic Yards |
| ALGOMA | | | | | 35.50 | 3,140 | | | 119.00 | 2,291 | 3.00 | 100 | | 539 | | 3,082 | 19 | | | 2 | | | | 1 | | | | | | | | 426 | 608 |
| COCHRANE NORTH | 0.16 | 0.32 | | | | 840 | | | 19.38 | 2,585 | 0.50 | 3,030 | | | | 2,633 | 3 | | | 5 | | | | | | | | | | | | 477 | 4 |
| COCHRANE SOUTH | 1.15 | 2.91 | 2.49 | 0.90 | 11.50 | 12,349 | | 619 | | 27,985 | | 600 | | 8,947 | | 4,271 | 18 | | | 18 | 1 | | | | | | | | | | | 4,424 | 440 |
| FORT WILLIAM | 7.00 | 11.37 | 1.43 | | | 10,612 | 2.07 | 1,767 | 1.34 | 2,185 | 0.30 | 2,973 | | | | 298 | 33 | | 4 | 3 | 1 | | | 2 | | | 1 | | | 1 | | 12,372 | 818 |
| KENORA | 0.50 | | | | 42.50 | 2,442 | 3.00 | 2,867 | 27.00 | 6,890 | | | | | | 1,283 | 11 | | | 8 | | | | | | | | | | | | 72 | 317 |
| MANITOULIN | | | 3.55 | | 4.13 | 2,341 | | | 19.08 | 766 | 4.25 | 159 | | | | 4,345 | 5 | 6 | | 14 | | | | | | | | | | | | 112 | 689 |
| MUSKOKA | | 0.17 | 5.00 | | | 1,516 | | | 72.75 | 10,758 | | | | | | 1,304 | 2 | | | | | | | | | | | | | | | 40 | |
| NIPISSING | 0.07 | 2.50 | | 0.15 | 0.50 | 3,675 | 1.00 | 660 | 40.66 | 4,851 | | 350 | | | | 1,302 | 3 | 2 | | 8 | 1 | | | | | | | | | | | 925 | 941 |
| PARRY SOUND | | | | | | 919 | 2.10 | 1,639 | 63.50 | 13,292 | | | | 105 | | 4,213 | 1 | | | 1 | | | | | | | | | | | | 40 | 1,304 |
| PORT ARTHUR | 4.36 | 2.08 | 1.25 | 0.59 | | 2,363 | 0.72 | 1,603 | 2.25 | 1,132 | | 150 | | | | 174 | 11 | | 2 | 5 | | | | | | | | | | | | 18,771 | 1,041 |
| RAINY RIVER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RENFREW NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAULT STE. MARIE | 8.00 | 5.75 | 1.00 | 2.00 | 21.00 | 5,350 | | | 5.00 | 8,672 | 2.18 | 980 | | | | 2,118 | 6 | | 1 | | | | | | | | | | | | | 1,975 | |
| STURGEON FALLS | | | | | | | | | 2.20 | 82 | | | | | | 868 | | | | | | | | | | | 1 | | | | | | |
| SUDBURY | | 4.00 | | | 0.50 | | | | 0.33 | 236 | | | | | | 1,248 | 1 | | | 1 | | | | | | | | | | | | | 15 |
| TEMISKAMING | | | | | | | | 1,699 | 33.50 | 7,866 | | | | 159 | | 2,031 | | | | | | | | 2 | 1 | | 5 | | | | | 1,270 | 310 |
| TOTALS | 21.24 | 29.10 | 14.72 | 3.64 | 115.63 | 45,547 | 8.89 | 10,854 | 405.99 | 89,591 | 10.23 | 8,342 | | 9,750 | | 29,170 | 113 | 8 | 7 | 65 | 3 | | | 5 | 1 | | 7 | | | 1 | | 40,904 | 6,487 |

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## APPENDIX B

### DEPARTMENT OF NORTHERN DEVELOPMENT-REPORT, Nov. 1, 1934-Mar. 31, 1935

### NORTHERN DEVELOPMENT AGREEMENTS

| Electoral District | Cutting and Burning New Road Miles | Side Brushing Existing Road Miles | Stump and Grub Miles | Grading | | Ditching | Gravelling | | | | Clay Surfacing | | Crushed Rock | | | Drag-ging, Miles | Culverts | | | | Bridges | | | | | | | | | | | Excavation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Repairs | | | | | | | | | | | | New | | | Replaced | | | Repaired | | | Painted | | | |
| | | | | New Miles | Repair Miles | Cu. Yds. | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Crushed Cubic Yards | Hauled Cubic Yards | Road Covered Miles | | Wood | Stone | Concrete | Metal | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Earth Cubic Yards | Rock Cubic Yards |
| ALGOMA | | 1.00 | | | 1.50 | | | | 5.00 | 354 | | | | | | | 1 | | | | | | | | | | 1 | | | | | | |
| COCHRANE NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COCHRANE SOUTH | | | | | | | | | | 2,372 | | | | | | | | | | | | | | | | | | | | | | 1,517 | 2,238 |
| FORT WILLIAM | 0.89 | 0.02 | 3.10 | | | 2,434 | 0.34 | 243 | 1.25 | | 0.08 | 1,295 | | | | 15 | 15 | | | | | | | | | | 1 | | | | | 601 | |
| KENORA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MANITOULIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NIPISSING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PORT ARTHUR | 1.40 | | | | | 890 | | | 1.40 | 2,150 | | | | | | | 12 | | | | | | | 3 | | | | | | | | 300 | |
| RAINY RIVER | | | | | | | 0.73 | 610 | | | | | | | | | | | | | | | | | | | | | | | | | |
| SAULT STE. MARIE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| STURGEON FALLS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUDBURY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTALS | 2.29 | 1.02 | 3.10 | | 1.50 | 3,324 | 1.07 | 853 | 7.65 | 4,876 | 0.08 | 1,295 | | | | 15 | 28 | | | | | | | 3 | | | 2 | | | | | 2,418 | 2,238 |

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| RAINY |
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| SAULT |
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## APPENDIX C

## DEPARTMENT OF NORTHERN DEVELOPMENT-REPORT, Nov. 1, 1934-Mar. 31, 1935

### Unemployment Relief Work

| Electoral District | Cutting and Burning New Road Miles | Side Brushing Existing Road Miles | Stump and Grub Miles | Grading | | Ditching Cu. Yds. | Gravelling | | | | Clay Surfacing | | Crushed Rock | | | Drag-ging, Miles | Culverts | | | | Bridges | | | | | | | | | | | Excavation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Repairs | | | | | | | | | | | | New | | | Replaced | | | Repaired | | | Painted | | | |
| | | | | New Miles | Repairs Miles | | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Crushed Cubic Yards | Hauled Cubic Yards | Road Covered Miles | | Wood | Stone | Concrete | Metal | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Earth Cubic Yards | Rock Cubic Yards |
| Addington | 12.01 | 0.10 | 4.08 | 5.40 | 1.05 | 5,638 | 8.39 | 12,646 | 9.72 | 3,650 | 1.25 | 1,800 | .... | .... | .... | 247 | 5 | 7 | .... | 30 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 54,876 | 42,022 |
| Algoma | 15.38 | 22.96 | 14.11 | 15.75 | .... | 36,814 | 59.59 | 53,376 | .... | .... | 3.69 | 5,723 | .... | 561 | .... | 445 | 62 | 3 | 1 | 21 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 147,283 | 33,628 |
| Cochrane North | 35.51 | 32.29 | 29.22 | 2.30 | .... | 153,416 | 42.73 | 33,317 | 3.52 | 2,238 | 4.09 | 14,618 | .... | .... | .... | 2 | 6 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Cochrane South | 51.40 | 26.21 | 29.12 | 8.92 | 1.00 | 75,450 | 0.22 | 3,826 | .... | 1,884 | 1.03 | 4,724 | .... | 8,637 | .... | .... | 27 | .... | .... | 22 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 5,177 | 5,761 |
| Fort William | 1.04 | 1.23 | 0.74 | 0.50 | .... | 5,021 | 5.47 | 5,447 | 1.37 | 1,259 | .... | .... | .... | .... | .... | .... | 10 | .... | .... | 10 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 69,610 | 2,555 |
| Haliburton | 11.68 | 7.88 | 3.05 | 17.25 | 5.85 | 2,846 | 26.95 | 42,792 | 28 43 | 16,617 | 0.84 | 682 | 7,898 | 8,924 | 3.00 | 215 | 36 | 74 | .... | 17 | .... | .... | .... | 4 | .... | .... | 1 | .... | .... | .... | .... | 67,388 | 150,038 |
| Hastings East | 21.00 | 0.21 | 6.83 | 2.93 | 1.00 | 1,647 | 6.22 | 5,815 | 8 65 | 4,814 | .... | .... | .... | .... | .... | .... | 20 | 12 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 42,623 | 24,504 |
| Hastings West | 1.18 | 2.56 | 0.14 | .... | .... | 400 | 12.82 | 9,502 | 5.45 | 2,621 | .... | .... | .... | .... | .... | .... | 11 | 12 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 16,310 | 5,943 |
| Kenora | 26.76 | 8.16 | 16.94 | 4.88 | 3.00 | 24,089 | 40.68 | 41,750 | 9.51 | 7,707 | 16.09 | 22,690 | .... | .... | .... | .... | 104 | .... | .... | 11 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1 | 21,892 | 127,557 |
| Kent East | .... | .... | .... | .... | 2.00 | .... | 1.00 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| Lanark | 1.63 | 3.48 | 0.91 | 0.84 | 1.30 | 606 | 0.90 | 876 | 2.13 | 1,414 | 1.25 | 1,540 | .... | .... | .... | 3 | 10 | .... | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 3,190 | 8,600 |
| Manitoulin | 1.85 | 5.52 | 4.31 | 8.83 | .... | 27,671 | 10.83 | 9,275 | .... | .... | 9.21 | 9,584 | 1,696 | 5,808 | 3.48 | .... | 20 | .... | .... | 10 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 24,319 | 13,617 |
| Muskoka | 10.60 | 5.36 | 2.36 | 1.26 | .... | 9,550 | 43.91 | 61,034 | 0.50 | 370 | 0.65 | 2,821 | .... | .... | .... | 232 | 64 | 28 | .... | 9 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 167,135 | 28,726 |
| Nipissing | 10.99 | 12.62 | 10.61 | 14.34 | 10.75 | 52,341 | 82.00 | 90,375 | 63.70 | 42,654 | 5.62 | 38,793 | .... | .... | .... | 151 | 106 | 34 | .... | 65 | 3 | .... | .... | 4 | .... | 2 | 5 | .... | 1 | .... | .... | 130,441 | 75,361 |
| Norfolk | .... | .... | 1.10 | 4.00 | 2.80 | 4,693 | 0.50 | 456 | 2.80 | 2,892 | 2.00 | 2,188 | 4,700 | 4,700 | 3.20 | 4 | 4 | .... | .... | .... | .... | .... | .... | .... | .... | .... | 4 | .... | .... | .... | .... | 8,299 | .... |
| Parry Sound | 21.98 | 26 37 | 8.03 | 5.16 | 0.50 | 16,845 | 35.18 | 35,744 | 27.05 | 14,556 | 1.90 | 1,906 | .... | .... | .... | 516 | 55 | 17 | .... | 7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 25,172 | 87,026 |
| Peterborough | 16.70 | 2.50 | 10.66 | 0.18 | 0.10 | 290 | .... | 417 | 1.50 | 970 | .... | .... | 1,000 | 1,780 | 2.50 | .... | .... | 6 | .... | 5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 9,638 | 15,802 |
| Port Arthur | 6.71 | .... | 4.49 | 6.50 | .... | 50,439 | 4.09 | 8,263 | 2.72 | 4,746 | .... | 450 | .... | .... | .... | .... | 58 | .... | .... | 15 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 207,150 | 93,730 |
| Rainy River | 1.88 | .... | 2.66 | .... | .... | 1,920 | 1.43 | 3,275 | .... | 170 | 0.10 | 260 | .... | .... | .... | 2,965 | .... | 4 | .... | 6 | .... | .... | .... | .... | .... | .... | 5 | .... | .... | .... | .... | 14,180 | 11,225 |
| Renfrew North | 2.00 | 2.67 | 2.69 | 3.29 | 0.35 | 1,572 | 21.15 | 14,694 | 0.54 | 1,466 | 0.20 | 250 | .... | .... | .... | 273 | 1 | 8 | 4 | 6 | 5 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 6,531 | 39,344 |
| Renfrew South | 15.28 | 7.13 | 8.19 | 10.62 | 2.92 | 4,534 | 15.99 | 17,101 | 3.50 | 2,359 | 0.94 | 4,522 | .... | .... | .... | 343 | 12 | 30 | .... | 26 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 26,729 | 103,711 |
| Sault Ste. Marie | 23.65 | 9.35 | 5.70 | 0.60 | 1.80 | 13,139 | 6.72 | 38,954 | 15.50 | 13,956 | 0.25 | 200 | .... | .... | .... | .... | 12 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 85,281 | 34,143 |
| Simcoe East | .. ... | 2.00 | .... | .... | .... | 260 | .... | .... | 11.41 | 5,439 | 1.00 | 700 | .... | 666 | 1.63 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 1,550 | .... |
| Sturgeon Falls | 47.31 | 47.87 | 18.70 | 12.76 | 9.65 | 136,247 | 73.46 | 104,805 | 116.67 | 98,055 | 11.51 | 31,078 | 5,896 | 8,330 | .... | 842 | 86 | 14 | .... | 10 | 8 | 1 | .... | 2 | .... | .... | 7 | .... | 1 | .... | .... | 58,976 | 37,206 |
| Sudbury | 59.50 | 53.63 | 29.60 | 15.10 | 57.73 | 100,528 | 44.70 | 64,513 | 153.74 | 80,293 | 21.73 | 33,237 | 8,328 | 14,587 | 8.99 | 1,932 | 205 | 9 | 12 | 36 | 12 | .... | .... | 6 | .... | 3 | 5 | .... | .... | .... | .... | 141,312 | 56,586 |
| Temiskaming | 26.08 | 12.74 | 15.35 | 0.10 | .... | 48,379 | 24.72 | 21,351 | .... | .... | 0.12 | 783 | .... | 591 | 1.10 | .... | 34 | 1 | .... | 8 | 2 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 32,183 | 2,482 |
| Totals | 422.12 | 292 84 | 219.59 | 131.51 | 101.80 | 774,335 | 569.65 | 679,604 | 468.41 | 310,130 | 83.47 | 178,549 | 29,518 | 54,584 | 23.90 | 8,170 | 938 | 259 | 20 | 316 | 32 | 1 | .... | 17 | .... | 5 | 27 | .... | 2 | .... | 1 | 1,367,245 | 897,012 |

## APPENDIX D

DEPARTMENT OF NORTHERN DEVELOPMENT-REPORT, Nov. 1, 1934-Mar. 31, 1935

TRANS-CANADA HIGHWAY

| Electoral District | Cutting and Burning New Road Miles | Side Brushing Existing Road Miles | Stump and Grub Miles | Grading | | Ditching | Gravelling | | | | Clay Surfacing | | Crushed Rock | | | Drag-ging, Miles | Culverts | | | | Bridges | | | | | | | | | | | Excavation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Repairs | | | | | | | | | | | | New | | | Replaced | | | Repaired | | | Painted | | | |
| | | | | New Miles | Repair Miles | Cu. Yds. | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Number Cu. Yds. Crushed | Number Cu. Yds. Hauled | Road Covered Miles | | Wood | Stone | Concrete | Metal | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Earth Cubic Yards | Rock Cubic Yards |
| FORT WILLIAM..... | 0.06 | 2.60 | 0.06 | 0.10 | 2.20 | 5,625 | 14.88 | 19,973 | 6.00 | 1,275 | 1.90 | 5,132 | ........ | ........ | ........ | 33 | 2 | .... | .... | 4 | 3 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 110,773 | 5,494 |
| KENORA.......... | 6.73 | 1.85 | 4.51 | 0.60 | ....... | 3,887 | 19.91 | 43,012 | 3.50 | 1,737 | 5.85 | 18,442 | ........ | ........ | ........ | ........ | 21 | .... | .... | 7 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 74,186 | 73,236 |
| NIPISSING........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | ........ | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | ........ | ........ |
| PORT ARTHUR..... | 2.45 | 2.79 | 0.39 | 5.79 | 2.01 | 5,337 | 6.44 | 12,295 | 31.01 | 6,080 | 1.11 | 2,417 | ........ | ........ | ........ | 79 | 8 | .... | .... | 10 | 1 | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... | 114,911 | 22,330 |
| RENFREW NORTH.. | 0.88 | ......... | 0.09 | 0.57 | 2.33 | 824 | 10.08 | 8,783 | 12.51 | 14,441 | 0.53 | 5,493 | ........ | ........ | ........ | 486 | 1 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 13,842 | 2,096 |
| TOTALS....... | 10.12 | 7.24 | 5.05 | 7 06 | 6.54 | 15,673 | 51.31 | 84,063 | 53.02 | 23,533 | 9.39 | 31,484 | ........ | ........ | ........ | 598 | 32 | .... | .... | 21 | 4 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 313,712 | 103,156 |

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## APPENDIX F

## DEPARTMENT OF NORTHERN DEVELOPMENT-REPORT, Nov. 1, 1934-Mar. 31, 1935

### Recapitulation of Work supervised by the Department

| Appendix | Cutting and Burning New Road Miles | Side Brushing Existing Road Miles | Stumping and Grubbing Miles | Grading | | Ditching Cu. Yds. | Gravelling | | | | Clay Surfacing | | Crushed Rock | | | Drag-ging, Miles | Culverts | | | | Bridges | | | | | | | | | | | Excavation | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | New | | Repairs | | | | | | | | | | | | New | | | Replaced | | | Repaired | | | Painted | | | |
| | | | | New Miles | Repair Miles | | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Length Miles | Cubic Yards | Number Yards Crushed | Number Yards Hauled | Length Road Covered Miles | | Wood | Stone | Concrete | Metal | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Concr. | Wood | Steel | Earth Cubic Yards | Rock Cubic Yards |
| Appendix A ...... | 21.24 | 29.10 | 14.72 | 3.64 | 115.63 | 45,547 | 8.89 | 10,854 | 405.99 | 89,591 | 10.23 | 8,342 | ........ | 9,750 | ........ | 29,170 | 113 | 8 | 7 | 65 | 3 | .... | .... | 5 | 1 | .... | 7 | .... | .... | 1 | .... | 40,904 | 6,487 |
| Appendix B ....... | 2.29 | 1.02 | 3.10 | ........ | 1.50 | 3,324 | 1.07 | 853 | 7.65 | 4,876 | 0.08 | 1,295 | ........ | ........ | ........ | 15 | 28 | .... | .... | .... | .... | .... | .... | 3 | .... | .... | 2 | .... | .... | .... | .... | 2,418 | 2,238 |
| Appendix C ....... | 422.12 | 292.84 | 219.59 | 131.51 | 101.80 | 774,335 | 569.65 | 679,604 | 468.41 | 310,130 | 83.47 | 178,549 | 29,518 | 54,584 | 23.90 | 8,170 | 938 | 259 | 20 | 316 | 32 | 1 | .... | 17 | .... | 5 | 27 | .... | 2 | .... | 1 | 1,367,245 | 897,012 |
| Appendix D ....... | 10.12 | 7.24 | 5.05 | 7.06 | 6.54 | 15,673 | 51.31 | 84,063 | 53.02 | 23,533 | 9.39 | 31,484 | ........ | ........ | ........ | 598 | 32 | .... | .... | 21 | 1 | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 313,712 | 103,156 |
| Appendix E ....... | 0.01 | ........ | 0.02 | ........ | ........ | 72 | 4.17 | 4,928 | 3.51 | 3,410 | ........ | 1,231 | ........ | ........ | ........ | ........ | 5 | .... | .... | .... | .... | .... | .... | 1 | .... | .... | .... | .... | .... | .... | .... | 2,859 | 240 |
| Totals ...... | 455.78 | 330.20 | 242.48 | 142.21 | 225.47 | 838,951 | 635.09 | 780,302 | 938.58 | 431,540 | 103.17 | 220,901 | 29,518 | 64,334 | 23.90 | 37,953 | 1,116 | 267 | 27 | 402 | 36 | 1 | .... | 27 | 1 | 5 | 36 | .... | 2 | 1 | 1 | 1,727,138 | 1 009,133 |

## MISCELLANEOUS WORKS

| Pavements Constructed, Miles | |
|---|---|
| Bituminous Macadam.............. | |
| Crushed Stone Retread............. | |
| New Road Constructed, Miles... | 22.61 |
| New Road Open to Traffic..... | 13.00 |
| New Road Gravelled, Miles.... | 59.94 |
| New Gravel on old Roads, Miles . | 73.43 |
| Old Road Abandoned.......... | 7.00 |
| Pavement Repair, Miles............. | |
| Surface other than Stone or Gravel, Miles...................... | 22.95 |
| Dust Preventative ,Calc. Chloride, Gals.......................... | |
| Centre Strip Painted, Miles.......... | |

| Curves on Old Roads | No. | Miles |
|---|---|---|
| Built................ | 7 | 0.46 |
| Banked............. | 7 | 0.41 |

| Repairs to Roads | Width | Miles |
|---|---|---|
| Widened.................... | | 13.48 |
| Shoulders, Miles.............. | | 39.36 |
| Rip Rap, Cu. Yds............. | | 7,328 |

| Stock Pile | Cu. Yds. | Av. Haul |
|---|---|---|
| Gravel........ | 76,409 | ...... |
| Crushed Stone . | 24,365 | ...... |

| Clearing Old R. of W. | Cut Acres | Burned Miles |
|---|---|---|
| Brush......... | 724.12 | 145.06 |
| Grass and Weeds...... | | ...... |

| | |
|---|---|
| Corduroy Laid, Miles.......... | 0.80 |
| Corduroy Removed, Miles...... | .... |
| Creeks Cleaned, Miles......... | 9.70 |
| Culverts Cleared Ice and Snow... | 532 |
| Culverts Cleared Debris ....... | 213 |
| Culverts Repaired............ | 39 |
| Ditches Cleaned, Miles........ | 129.04 |
| Offtakes Built, Miles.......... | 5.28 |

| | |
|---|---|
| Ditch Exc. Spread, Miles...... | 21.05 |
| Guard Cable Used, Feet....... | 14,140 |
| Highway Guard, Feet........ | 53,833 |
| Guard Rail Repaired, Feet.... | 634 |
| No. Posts Set............... | 5,286 |
| No. Posts Painted........... | 995 |
| Bridges Protected from Ice.......... | |
| Bridges Dismantled.............. | 2 |
| Piles Driven.................. | 299 |
| Concrete Piers for Steel Bridges...... | |
| Camps Built................ | 34 |

| | |
|---|---|
| Ferry Trips................. | 3,364 |
| Ferry, Miles................. | 640 |
| Standard Rd. Signs Erected..... | 414 |
| Standard Rd. Signs Repaired.... | 305 |
| Standard Rd. Signs Repainted.. | 977 |
| Lettered Signs Erected......... | 702 |
| Lake or River Signs Erected.... | 16 |
| Roads Snowploughed, Miles | 19,477 |
| Roads Sanded, Miles............... | |
| Loose Stone Raked, Miles........... | |
| Guard Stones Painted.............. | |

| | No. | Miles |
|---|---|---|
| Road Traverse Surveys............. | 26 | 6.93 |
| Curve Surveys....... | 110 | 37.85 |
| Drain Surveys....... | 7 | 9.34 |
| Railway Crossing Surveys.............. | 8 | 3.91 |
| Gravel Pit Surveys... | 7 | 113.80 |
| Right of Way Surveys..... | | 135.96 |
| Tote Road Built, Miles ........ | | 20 |
| Telephone Line Built, Miles ......... | | |
| Road Oil Used Cold Patch—Retread, Gals...... | | 60 |
| Stone Fill, Cu. Yds.......... | | 5,966 |

| Machines Overhauled | |
|---|---|
| Tractors ...................... | 33 |
| Automobiles.................... | 6 |
| Power Maintainers.............. | 19 |
| Air Compressors................ | 16 |
| Road Graders................... | 16 |
| Cement Mixers.................. | 3 |
| Trucks ........................ | 6 |
| Dump Wagons .................. | 3 |

# First Annual Report

OF THE

# Department of Municipal Affairs

FOR THE

## Province of Ontario

## 1934-1935

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PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL No. 56

ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

To the Honourable
The Lieutenant Governor.

I have the honour to present to you the report of the Department of Municipal Affairs for the year 1934-1935.

DAVID A. CROLL,
*Minister of Municipal Affairs.*

29th February, 1936.

To the Honourable David A. Croll, K.C., M.L.A.,
*Minister of Municipal Affairs.*

I have the honour to transmit to you the First Annual Report of your Department of Municipal Affairs, being for the year 1934-1935.

HERBERT L. CUMMINGS,
*Deputy Minister.*

29th February, 1936.

# FIRST ANNUAL REPORT

## OF THE

# DEPARTMENT OF MUNICIPAL AFFAIRS

## 1934-1935

This Department in submitting the first annual report of its administration in municipal affairs desires in the first instance to acknowledge the very ready and helpful support it has received from municipal Councils and other local bodies and their officials and from the general public.

This new Department of Government enters into a field of municipal institutions and local government in this Province, which have a history of nearly ninety years of functioning without the assistance or directing influence of any specific ægis of Government.

Entry into such field cannot be embarked upon lightly or without some doubts on the part of those whose particular concern it has been and is to govern and administer municipal affairs in their respective localities.

It is because of the ready reception with which the Department has been met and the evidences of co-operation which have been accorded, that the Department is assured that a very definite and useful field of service is open in which to engage itself as part of the municipal system and for the perfecting of the instruments of local government and administration that so closely touch the everyday life of our citizens.

The Department finds a Province divided for territorial purposes into 43 counties and 11 districts. For municipal purposes the 43 counties form 38 distinct municipal units by reason of unions of counties existing in some cases. The districts themselves are not municipal units.

When the Department was created in September 1934, there were in Ontario the following municipalities:

| | | |
|---|---|---|
| Counties | | 38 |
| Cities (in the counties) | 23 | |
| Cities (in the districts) | 5 | 28 |
| Separated towns (in the counties) | 8 | |
| Towns (in the counties) | 95 | |
| Towns (in the districts) | 44 | 147 |
| Villages (in the counties) | 146 | |
| Villages (in the districts) | 10 | 156 |
| Suburban Townships (in the counties) | 21 | |
| Suburban Townships (in the districts) | 5 | 26 |
| Rural Townships (in the counties) | 409 | |
| Rural Townships (in the districts) | 136 | 545 |
| | | 940 |

During 1935 the only change which occurred among the municipalities was the amalgamation into the city of Windsor of the former cities of East Windsor and Windsor and the towns of Sandwich and Walkerville. That brings Windsor with over 100,000 people into fourth place in point of population.

The total number of persons who as members of municipal Councils in Ontario govern our local affairs exceeds 5,000. If to this number is added those who as members of school boards and other local public bodies also function to govern local affairs, we find that the total number thus engaged exceeds 21,000, or one person for every one hundred and sixty of the municipal population.

In matters of finance the municipalities of Ontario had outstanding at the end of 1935 approximately $475,000,000 of capital bonded debt bearing interest at rates ranging from 2½% to 8% per annum. The taxation levied in 1935 for general and school purposes totalled nearly $116,000,000 upon assessed wealth of some $3,000,000,000 of which 90% consisted of real property assessments.

The foregoing statistical records are mentioned to afford some indication of the field of municipal affairs into which the Department enters, with the purpose that by advice and influence the imperfections in the system now present will be overcome and that it will gradually be improved to serve the people of Ontario in a manner which fits their needs and pockets.

The particular spheres which have engaged the attention of the Department during the first year of its existence have been threefold:

A. Supervision of the affairs of municipalities in financial distress so as to restore them to solvency.

B. Improvement in municipal financing, accounting and auditing.

C. Improvement in recording and publication of municipal statistics.

A. *Supervised Municipalities.* During 1935 the Department assumed responsibility for supervising the financial affairs and transactions of those municipalities which have become financially involved and unable to meet maturing obligations of debenture principal or interest. The total number of municipalities so supervised is 32, of which all but one were in default prior to the creation of the Department. The one which has defaulted since is a town dependent for its existence and the well being of its people upon only one industry which has ceased operations and as a result more than 50% of the population have become relief recipients.

In addition to the foregoing, the Department is exercising a more limited measure of supervision over the affairs of some six other municipalities in an effort either to avert any prospect of default or to rescue them from what appears to be a temporary condition of default.

While none of the fully supervised municipalities have yet attained the point at which their finances could be re-established on a basis to resume debenture principal and interest payments, it is anticipated that one-third or more will reach that point during 1936, and for them refinancing plans will have been consummated before 1937. In other cases it is expected that either total or partial debenture interest will be met during 1936. In every case some provision is being made in the current estimates on account of interest, and where actual payment is not possible, the amount collected in interest levies will be placed to the credit of interest reserve.

The Department, while occasionally, and then but temporarily, meeting with difficulties in carrying out its responsibilities as to supervision of the finances in the municipalities referred to, is finding its efforts and policies are obtaining ready co-operation and response on the part of Councils, local boards and officials. Gradually a readier and truer appreciation is arising on the part of those responsible for local government and administration, of the necessity for overcoming the condition of insolvency, and that the Department's place in the field is one of helpful guidance and not dictation.

No matter what in the past may have occasioned the municipal defaults which have occurred, it is proper to point out that present Councils and local boards and their officials have an unusually difficult task and responsibility in administering the affairs of their communities within the reduced competence of their people, aggravated as the situation is by a serious condition of unemployment. Their problems are unusual and require a degree of attention, which fortunately is not the lot that falls to Councils and other bodies in the rest of our municipalities.

To correct a misapprehension which exists in the public mind because of statements which have been made on the public platform and in the press, it is desirable to point out that municipal defaults in Ontario do not reach anything like the proportions which have been stated—some have mentioned $120,000,000. The fact is that the total debenture debt which has matured and remains unpaid is about $16,000,000 of principal and about $5,000,000 of interest, or a total of some $21,000,000.

The remaining part of the debt of these municipalities is not yet due for payment and therefore not in default. While deferment in payment may be requisite, it is not expected that many cases of diminution of capital will occur. As to interest, there exists need for consideration of lowered rates, if only but to ensure the greater safety of the capital of the debts of these supervised municipalities.

B. *Municipal Financing, Accounting and Auditing.* In this sphere of municipal affairs—the most important of all—the Department appreciates that a long path has to be trodden before any degree of perfection can be reached, but the beginnings have been made.

One of the first steps taken by the Government to effect a much needed improvement in control over ill-advised or otherwise improper municipal expenditures on capital account was the introduction in 1935 into the Statutes (Ontario Municipal Board Act, section 89) of the requirement that before any undertaking on capital account to be financed upon borrowed funds (debenture issues) is commenced, the approval of the Ontario Municipal Board must first be obtained.

By such salutary means it is hoped to have municipal debenture debt so ordered and controlled, that any prospect of recurrence of municipal defaults will be rendered impossible.

Municipal debt has piled up in the last quarter century at rates altogether out of ratio with growth in population or increase in assessable wealth. The consequence is an overburden of taxation.

This condition has developed in the urban and particularly in the industrial centres and the necessity for curbing capital expenditures has been only too apparent and was finally brought to a head by the defaults which occurred.

The condition is not true, however, of rural Ontario which generally speaking has remained true to sound principles in local government, particularly in relation to debt. That fact is evidenced by reference to statistics which show the municipal capital debt of the rural townships at the end of 1935 stood at about $8,000,000 or only $10 per capita as compared with an average for all municipalities of $48.

In the limited time the new rule has been effective, the Municipal Board has indicated an intention to scrutinize all applications for leave to incur capital debt with a degree of care and a tendency to frown down upon the same which is already having a beneficial effect. So much so that municipalities are hesitant about bringing new capital account schemes before the Board unless they are really essential and within their competence. The Board is specially fitted to deal with these matters and is performing a valuable service to Councils and taxpayers alike.

In the arena of current municipal finance, both the Department and the Board by investigation and advice are endeavoring to promote sound principles in administration and encourage operation within the limits of a balanced budget and at a cost which can be met by taxpayers without undue burden. The problem of unemployment relief is the real obstacle not only to balanced budgets, but to any chance of getting the tax burden down to a point where it fits the diminished scale of the taxpayer's pocket book.

In respect to municipal accounting, a tremendous task faces the Department, but it is encouraged with the progress already made and the apparent wakening consciousness of municipal treasurers to the need of a uniform system of accounting which will exhibit the true state of municipal transactions in their financial aspects.

For nearly 90 years our municipalities have accounted for their revenues, expenditures, receipts, payments, assets and liabilities upon anything but a uniform basis. It has been left largely to the devices and acumen of each treasurer to set up his own methods and system of accounting. As may be expected, the lack of system is reflected in the varied annual financial reports which reach the Department. While many of these treasurers' reports are splendid examples of scientific accounting portraying the truth in every essential, in far too many cases the opposite is true—ludicrously so in many instances.

No one system can be formulated which will suffice for all municipalities. Rather must there be four of five systems of accounting to fit the requirements, having regard to the very different conditions which prevail as between rural and urban communities and as between the different classes of urban communities.

To that work the Department is applying itself and hopes to formulate a system of accounting for rural municipalities and the smaller urban communities to put into effect in 1937. The system for the larger urban communities will follow in due course.

In the matter of municipal audits, the situation is worse than in respect to accounting. Of our 940 municipalities but a very small proportion have what may be regarded as a proper audit. There having been no direction of audits in the past, the consequence is that many of our municipalities employ for auditing purposes persons who have no qualifications or experience whatsoever.

To little attention to proper auditing has been paid, having regard to the extreme importance of the work. The auditor is the "watchdog of the treasury" and not the servant of the Council or its officials. He is the one person in whom ratepayers and inhabitants must place their trust to investigate the stewardship of Council and officials, to ensure that the affairs of the community are being properly conducted and that all revenues, expenditures, receipts, payments, assets and liabilities are properly accounted for. It is from the auditor's report alone that the taxpayers and inhabitants are supposed to glean their information in matters of municipal finance. Therefore that report must be prepared by persons having the proper qualifications and who are completely independent of and not subservient to Council or official.

The Department is stressing with municipalities the importance of the audit to the taxpayers and the necessity for improvement, and is receiving co-operation. Audits, however, cannot be brought to a high degree of efficiency at the minimum of cost until municipal accounting is itself bettered, and the adoption of uniform and improved methods of accounting is the first essential.

C. *Municipal Statistics.* This important field in municipal affairs has not been developed in the past and cannot be brought to its fullness until accounting and auditing are bettered.

If the Government, the municipalities and the people are to have an understanding of how well Government and administration are functioning and if investors in municipal securities are to be attracted to the purchase of debentures on the basis which should prevail, it is necessary that actual facts be assembled and made public.

No perfect system of municipal institutions can be devised by guesswork, but depends upon facts. If proper statistics had been available and made public year by year during the past decade it is improbable that disaster would have overtaken the municipalities whose affairs are now in jeopardy. The fact that they were borrowing beyond their means would have been brought to light and curbed.

A commencement in the publication of municipal statistics in an improved form has been made by the Department and the First Annual Report of these statistics for the year 1934 which were published recently has been well received and been the subject of much commendation in the press and in the hundreds of letters and messages which have reached the Department. A copy of this statistical record is appended and forms part of this report.

*General.* The Department, during its first year of existence, has been developing an organization to tackle the work and problems which await it. The way in which demands upon its time and attention are pouring in, establish the need for the Department. Municipalities feel there is at last a central agency through which they can be served.

The staff as yet is not adequate to comply with all the demands as quickly as should be. The total staff is less than twenty, and there are only a limited number of supervisors and inspectors to cover a field of 940 communities.

The work involved in supervision of the municipalities in financial difficulties, of necessity, occupies a great deal of the time of the Department.

The problem of dealing with the procuring, receipt, analysis and compilation of the treasurers' and auditors' reports of 940 municipalities is no easy task, and engages much of the time of the Department.

The mail of the Department has in the short space of one year grown to an average of nearly 1,000 letters a week, in which financial, legal and general advice is sought by municipalities and their officials. Approximately 75% of the time of the senior members of the staff is occupied in interviews.

These facts are mentioned so that the members of the Legislative Assembly and the public will have a truer appreciation that the Department was evidently needed and is being made use of in many directions.

During the year, the Department has been able to intervene and obtain friendly settlements of County Equalization Appeals in three counties. It has arranged credits for many municipalities, where difficulty in that regard was being experienced. It has developed a system of advising other Departments of Government upon the state of the finances of municipalities. It has smoothed out troubles between Councils and school boards. It has assisted municipalities to set up their budgets on a proper basis to ensure controlled operations on a balanced basis.

Very recently the Department through the kindly and useful offices of the University of Toronto was able to participate in a field of educational work which it is hoped is but the beginning of what is one of the most effective means for achieving improvement in the conduct of municipal affairs. The University through its Extension Course Branch conducted a week of lectures on municipal administration and finance, and members of the staff of the Department had the privilege of giving some of the lectures on municipal law and accounting to a class composed largely of municipal officials. That such courses are of advantage and evidently desired is illustrated by the fact that officials in attendance came from different parts of the Province. This work should be developed by all the universities and the Department is ready to co-operate.

*Conclusion.* It is desirable to record an appreciation of the valuable assistance given and co-operation displayed by other Departments of Government, municipal Councils and other local bodies and their officials in the establishment of this new Department of service in the public service.

HERBERT L. CUMMINGS,
*Deputy Minister.*

29th February, 1936

# Ontario Research Foundation
# REPORT

## For the Year 1935

Presented by the Chairman
to the Lieutenant-Governor in Council
December, 1935

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THE HONOURABLE MITCHELL F. HEPBURN, M.P.P.,
*Prime Minister of Ontario,*
Parliament Buildings, Toronto 5, Ontario.

DEAR SIR:

I have the honour to submit a copy of the Report made to me by Dr. Speakman, Director of the Ontario Research Foundation, concerning the work of the Foundation for the year 1935.

You will observe in the Balance Sheet, the market value of investments in securities exceeds the amount of the Endowment Fund created by the joint paid subscriptions of the Legislature, private corporations, and individual contributors; also that in the Income and Expenditure Account, the income for the year exceeds the expenditure.

The sustained experience for a period of years since organization, confirms the wisdom of the decision to seek for the co-operation of all whom we serve in requiring payment of a moderate charge for the service rendered in addition to out-of-pocket expenditures incident to the work performed. This decision did not arise out of desire for money profit as such, but that the Endowment Fund should remain unimpaired, and that the income received from those whom we serve should enable us to render increasing service to the steadily growing number who come to the Foundation to take advantage of the scientific knowledge of the members of our staff in helping to solve difficulties with which they are confronted in their various enterprises. We have, in consequence, steadily enlarged our staff of scientific men, and have added equipment required for experimental work as the need developed.

I venture to repeat my statement to the Prime Minister in May, 1931:

"I am increasingly impressed with what the Foundation may accomplish for Industry, Agriculture, Animal Husbandry, and the development of the natural resources of the country, if all concerned work together in team play, each bringing to a common effort the contribution which training and experience qualify him to offer. There are far-reaching benefits to be derived in bringing to practical knowledge and experience the spirit and findings of men trained in patient, scientific enquiry and investigation. We, of the Foundation, are but at the beginning of the work, and will gain in knowledge and experience as the years go by."

In harmony with the above statement, I have pleasure in again bearing testimony to the singleness of purpose of the Director and Staff of the Foundation to discharge honourably and effectively the trust committed to them; in addition to high technical qualifications a somewhat remarkable co-operative spirit has developed in the staff, which gives great promise for fine service in the discharge of their duties. I have satisfaction in advising you of a response in co-operation, and in spirit, on the part of many of those for whom we render service.

I have the honour to be,

Your obedient servant,

J. W. FLAVELLE,
*Chairman.*

# REPORT OF THE DIRECTOR OF RESEARCH, 1935

To Sir Joseph Flavelle, Bart, LL.D.,
*Chairman*

Dear Sir:

In preparation for my Annual Report covering the work performed by this Foundation during the past year, I have read carefully, and with great interest, the statements handed to me by my colleagues in which they report on their work, and discuss various problems relating to the different departments. The encouraging nature of these reports prompts me to make the following general statements to you, in the hope that they will reach a wider constituency of those who have supported the Foundation, and who are interested in its work and future.

(1) I am impressed by the convincing evidence, which is gradually accumulating in our experience and records, of the returns which have come to Departments of Government, groups of or individual companies which have cooperated with us in serious work. What was hoped might happen has definitely occurred in many instances.

(2) I feel confident that with the continued improvement in general business conditions, growth in our own experience and capacity, and a more widespread knowledge of what has been accomplished, this Foundation will slowly grow in size and effective service.

(3) Experience is confirming what has been your view from the commencement of our work, namely, that effective work will be done by cooperation with those actively engaged in this or that industry. Without it nothing of economic value may follow our efforts, and we are in grave danger of falling between the legitimate aims of academic research and the duties belonging to a Foundation such as this. Industry which is healthy, prosperous and expanding brings employment and, one may hope, a solution of some of the pressing problems of our day.

(4) Our staff is necessarily inadequate to cover the whole field of industrial activity in this Province. Furthermore, even within the scope of our present investigations lines of research are being slowly followed or neglected entirely owing to these restrictions.

(5) The remedy for this situation is not to be found by changing our policy of paying our way. Work is in progress in these laboratories which merits the financial support of industry. With such an enlarged revenue the funds of this Foundation would be set free to explore and start new fields of scientific and technical investigation. It is, in my judgement, by this method and only this that the natural and needed growth of the Foundation's work will take place.

I have stated that the results obtained during the past year have been encouraging. This statement will, I feel, be justified by the details which follow in my report concerning the individual departments. It is also supported by the following figures relating to our outside income and the number of firms for whom work has been performed during each of the past three years.

| | Income | Firms |
|---|---|---|
| 1933 | $18,311.23 | 70 |
| 1934 | 24,439.90 | 108 |
| 1935 | 32,311.52 | 140 |

During a period of depression it is natural that the minds of manufacturers should be largely concerned with questions of cost relating to their products. In some cases also circumstances compel a more critical attitude to quality. During the short history of the Foundation there have been a number of striking examples of what can be accomplished in both these fields by an intelligent and energetic application of available technical and scientific knowledge. Recently occasion arose to check the composition of the products of a foundry. The results obtained by analysis were sufficiently different from those expected to justify a report to the managing director of the Company. He wrote to the Foundation an interesting and, under the circumstances, a gracious reply from which I quote:

> "The result of your analysis was surprising to me as our records showed all the heats shipped to be quite reasonably close to the specification. On investigation we discovered a defective combustion furnace giving consistently low results and in addition to this some of our solutions were very much off. This is the real root of the trouble as of course our furnace practice is based on the laboratory findings."

These words speak for themselves in so far as this plant is concerned, but they describe by inference a widespread condition in industrial operations. Products are below standard because the machinery of laboratory and apparatus created for control purposes have not been periodically checked. What is needed is a ready acceptance on the part of those in executive authority of some reasonable charge against operations for work of this nature. The staff here have the experience and the necessary equipment to practice what has been aptly described as "the art of measurement." To make use of these facilities is not a reflection on the professional capacity of men engaged in control work, and a recommendation to do so should not be so regarded by those in executive positions.

Our own work and the information which is generally available point to a steady recovery in manufacturing activity within the Province. This fact prompts me to write concerning another factor which we must take into any account of the relationship between industry and scientific research. Whilst we have been passing through a depression we have also been and are still passing through an industrial revolution, the tempo of which has not been equalled previously. When one looks back even over a short period of six years one is amazed at the changes which have taken place in many branches of industry. New products and new processes are pressing hard upon the existing industrial organization of the Province. The latter has to face these technical and final problems in a weakened condition due to the struggles of the past five years. 'Ideas' are destructive forces to those who cannot utilize them, but they are the sources of new life, and when creative and executive ability are combined, forces are released which could, through industry, solve many of the social and economic problems of this country.

The philosophy of creative work in science, working in sympathy and understanding with keen and efficient administration in industry, would if generally accepted kill 'defeatism,' arouse new hope and, if I may prophesy, foster that spirit of unity which underlies success in national affairs.

It is with satisfaction that I record in the latter section of my report instances of creative research carried to what is generally described as the 'development' stage, which have been followed by cooperative work with some plant, and later on has come the production of some commodity distinctive in character and quality.

May I close this introduction to my report by paying tribute to the loyalty, energy and creative efforts of the staff with which it is my privilege to be associated.

## TEXTILES

*Staff:* Dr. Goodings, Dr. McKay, Mr. Coke, Mr. Love, Mr. Carr-Harris

The enquiries we received from firms engaged in the textile industries vary in character. In many cases what would appear to be a routine test of small importance has implications which are quite different. During the past year, for example, we have determined on several occasions the scouring loss and the percentage of cotton fibre in samples of wool shoddy. These tests are of importance because a mill buying pulled shoddy as raw material needs the information to prepare "costs," and also to know whether the resulting manufactured products could be sold, without carbonizing, within the specification of "Commercially free from cotton."

The "barriness" of dyed and finished fabrics continues to be the cause for enquiry and consultation with our staff. This is one of the fields of research which would bring ample return to any group of firms which would invest money in the work. Whilst we see ample evidence of "seconds" and consequently reduced profits only too often the causes cannot be determined simply by the study of finished specimens. We should be given more opportunity to study the methods and processes by which these fabrics are produced.

A manufacturer of agricultural implements asked for our assistance in determining and preventing, if possible, the causes of length changes in the canvas conveyors of binders and combines. A preliminary study was made of the relationship between length and stress under various conditions of humidity and earlier treatment. The fabric was analysed, and the stress-strain relations of it were correlated with those of the component yarns and the structure as such.

It was found that the changes which take place in the field are due to (a) the condition of the fabric when purchased, (b) the physical conditions during its subsequent handling in the plant, (c) atmospheric conditions in the field. Certain changes were recommended in the fabric structure to minimize the changes in length during storage and service.

*Silk for Insulation*—For several years we have been studying intermittently the problems associated with the manufacture of Tussah silk to be used in the electrical industries. The Canadian field was formerly supplied from American sources. The experimental work both in laboratory and plant has necessitated the assembly of suitable apparatus for testing the resistance of silk to an electric current under carefully controlled conditions of temperature and relative humidity. Fundamental changes in the methods of manufacture have been studied on a laboratory scale, and these are now being applied successfully in the Canadian plant. The striking results from this investigation will be apparent when we record that in the early part of the year samples of this silk when processed had a resistance of 1,500 kilomeghoms per end, compared with one of 0.3 kilomegohms in the raw state. In recent weeks batches of product have been produced in the plant with a resistance of 33,000 kilomegohms.

*Shrinkage*—The phenomenon of shrinkage as applied to textile materials is a matter of interest to some manufacturers, it creates problems for almost all, and it arouses strong feelings among consumers. To manufacturers of felts and to a lesser degree, to manufacturers of woollen cloth, it is important to know and practise the optimum conditions for milling, i.e. the operation by which shrinkage is brought about. We are not aware that any previous study has been made of these conditions. During the past year a method has been developed for shrinking test-pieces of cloth under accurately controlled but variable conditions. This has enabled the staff to investigate the effects of temperature and reaction on the rate of shrinkage. Whilst much of current practice based on empiricism was confirmed, certain conclusions are directly at variance with deeply entrenched opinion. It is surprising to learn, for example, that the maximum rate of shrinkage takes place at a temperature of 50° C. and not in very hot water.

The prevention of shrinkage has been studied previously by many, and processes are in operation which enable unshrinkable garments to be made and sold. More satisfactory and economical methods are called for, however, and to provide an opening for work of this character we have attempted by a study of available literature and by experiment to understand more adequately the basic phenomenon of shrinkage itself. Why and how do wool fibres mat and shrink? We cannot say that we have arrived at a satisfactory answer to this question. However, this investigation has produced a by-product which may be of real value in the industries which are endeavouring to prevent shrinkage. A number of procedures have been worked out in the laboratory by means of which yarns, pieces of cloth, and knitted goods can be so treated that when submitted to normal washing operations the amount of shrinkage observed is negligible. These processes involve no damage to the fibres. We are especially hopeful that we may succeed in developing a feasible and economical method for producing an all-wool knitting yarn, which will give rise to unshrinkable garments.

*Quality Control Fellowship*—Under this Fellowship, Messrs. Courtaulds (Canada) Ltd. and a number of manufacturers of knitted goods from rayon yarns, co-operate with this Foundation in the development and control of standards and plant methods. We are pleased to report that during the year another Company became a member of this group. The sale of Quality Controlled garments continues to expand. This has been accompanied by a steady and continuous improvement in the quality. Our specifications were carefully revised in the early part of 1935, taking into consideration the results of earlier tests and also changes in style.

The bleaching process as conducted in several of the associated mills has been investigated. In addition much valuable information has been secured concerning the effects of processing methods on the shrinkage of rayon garments; and also the effects of laundering and ironing on shrinkage.

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## METALLURGY

*Staff:* Mr. Ellis, Mr. Gordon, Dr. Goodier, Dr. Farnham

During the year 1933, Mr. Ellis made a strong recommendation that research work should be started in the metallurgical laboratories having as its objective a better understanding of the properties of white cast iron. A number of enquiries from firms within the Province had been received on this subject, particularly with reference to resistance to wear. A carefully prepared programme of laboratory research was started in November, 1933.

It is unnecessary to record the several months spent in developing suitable apparatus and technique for the preparation and casting of a wide range of alloys. Subsequently a method for testing resistance of iron balls to abrasive wear was standardized. The earlier part of 1935 was spent in patiently accumulating data showing the relationship between (a) chemical composition, (b) physical structure, (c) physical properties such as hardness and wear resistance. In August a preliminary report on this work was presented in Toronto to a meeting of the American Foundrymen's Association. The paper aroused interest and provoked discussion which has proved of value to our staff.

About this time it was recommended by Mr. Ellis that we should secure if possible patents covering the discovery that alloys of iron, carbon and other elements which are the most resistant to abrasive wear have a physical structure which is independent of chemical composition within certain known and specified limits.

As soon as definite results had been obtained in the laboratory concerning the wear-resistance of these alloys Mr. Blomfield of the Lake Shore Mine expressed his willingness to assist us in carrying out experiments which would resemble more closely conditions in the mills of the gold mines of Northern Ontario. He also offered to try out in his mill a test-batch of balls made according to a specification based upon our results. Through this most helpful co-operation we were able to conclude an agreement with a company in Ontario under which they are now manufacturing balls.

At the present time experimental balls are being tested in the mills of two gold mines in Northern Ontario. In addition a ball-mill liner has been purchased by one Company. The results from these tests will be available in the early part of 1936.

In the meantime further work is in progress in the Foundation. Owing to the courtesy of Professor Haultain of the University of Toronto we have the loan of a small ball-mill. A large quantity of partially ground ore has been received from the Lake Shore Mine, and we are now in a position to carry out more expeditiously tests on balls covering a large series of alloys.

During the year we received a request from a manufacturer to assist him in selecting a suitable alloy to be used in the manufacture of a small jaw. These jaws are parts of a clamp used in 'forms' in which concrete shapes are constructed. The jaws must have the properties of hardened and tempered steel in the cast state, but the cost must be lower. A suitable alloy has been found, although considerable difficulty was experienced at first in making satisfactory castings in these laboratories. These difficulties have been overcome, and we shall watch with interest their manufacture and use.

*Bearing Metals*—During the year we have commenced a study of alloys containing cadmium, mercury and other elements, particularly nickel. An enquiry from a company interested in these alloys led to a study of some of the fundamental theory involved, and later to the hypothesis that some of them may be of value for use in the manufacture of bearing metals. This has been found to be so from a technical viewpoint. Further experimental work is called for, and a study of the economics of this field.

*Creep of Fusible Metals*—As a result of enquiries regarding the behaviour of fusible metals under load, it was decided to investigate the creep characteristics of alloys belonging to the bismuth-lead-cadmium-tin system. Useful information has already been obtained.

Members of the group have paid over 20 visits to plants during the year. Intimate contact has been maintained with this field of research and technology through the appropriate professional and scientific societies. Mr. Ellis gave a course of ten lectures on "The Metallurgy of Iron and Steel" on behalf of the Ontario Chapter of the American Society of Metals.

*Applied Mechanics*—The following problems have been investigated either as a result of enquiries from manufacturers or as part of our own research programme:

(a) Stress calculations on influence of holes in water-tube boiler heater.

(b) Estimation of strength against collapse of steam-jacketed cooker vessel.

(c) Design and construction of viscosimeters.

(d) A mathematical investigation of the weakening influence of small holes and flaws in plating.

(e) The mathematical basis for the calculation of stress due to uneven heating. This theoretical work has been extended to deal with applied problems in welding, boilers and heated cylinders generally.

## CHEMISTRY

*Staff:* Dr. Westman, Mr. Schierholtz, Mr. Tasker, Mr. Maconachie, Mr. Staples, Mr. McHattie

For several reasons it has seemed advisable to reorganize almost the entire work of this Department. In consequence the past year must be regarded as a transition period. The staff have given to each other and to myself the fullest co-operation in our attempt to undertake new ventures which will prove fruitful and in harmony with the aims and objects of this Foundation. They have devoted time and thought to a careful analysis of the technical and economic aspects of the industries of the Province, and the changes which have been made are the result of a round-table discussion by the staff of the facts contained in this survey. There can be no finality in our plans, and if in the future it seems wise to do so I feel confident that the staff will make necessary changes. As a guide to the organization of these laboratories we have taken into consideration: (a) The size and importance of various branches of industry. (b) Technical and scientific standards within industrial groups and their attitude towards research. (c) Our ability to supply competent personnel and suitable equipment for technical and scientific research.

*Fuel*—Owing to the cessation of the study of problems associated with the lignites of Northern Ontario we have been able to release personnel who have attempted to come to closer grips with problems associated with the use of coal in Southern Ontario. We have found this to be a difficult task, not owing to any technical obstacles, but largely due to a widespread tendency to think only in mechanical terms in connection with steam-raising efficiency. When one reflects on the expenditure by the industries of this Province on coal, it is difficult to understand why this item of expenditure is not studied more carefully. Regarding the limited but varied examples of fuel utilization which we have investigated this year, a lake boat, a large institution, a laundry, a steel plant, this at least can be stated; in every instance it was possible to recommend a course of action which would lead to worth while economics, either by more careful selection of fuel or by modified methods of controlling equipment. In no instance was the purchase of new equipment necessary.

The Department has performed a much-needed service by distributing a simple chart of instructions for use in steam-raising plants. By personal observation of conditions in Ontario centres, and by close contact with work done in Great Britain the staff have prepared themselves to make some contribution to the smoke problem if and when public opinion demands action. No impartial observer can regard the situation in many of our larger towns and cities as being compatible with established technical knowledge relating to the use of coal.

*Heating and Ventilating*—The importance of the manufacture and use of equipment for the heating of homes and buildings generally need not be emphasized. During recent years this problem has become linked to problems relating to other properties than temperature in relation to the atmosphere of homes and workshops. We hear and see more and more in the technical and popular press about "air-conditioning." One of the staff has devoted a major portion of his time to a study of this rapidly expanding industry. We hope to make a useful contribution in two ways: (a) By undertaking the investigation in these laboratories of some phases of the technical side of the industry which will be of special importance to Canadian manufacturers of equipment. At the present time all the technical data available for engineers, architects, etc., is derived from American experiments and is based on American standards. These are not wholly applicable to our conditions. (b) Our laboratories are now equipped to test and study moderately large installations for air-conditioning. We are also equipped to test component parts. I am pleased to report that one manufacturer has already made extensive use of these new facilities.

*Paint and Varnish*—A second laboratory organized during the year is devoted to the investigation of problems relating to the paint and varnish industry. Work in this general field is in progress in two other institutions in Canada, and by personal conversations with those concerned we have, without difficulty, arrived at such an understanding of each others work that wasteful duplication will be avoided. A member of our staff has also visited several plants, research laboratories and Government Departments in the United States in order to study at first hand current methods and lines of advance. Our own work has hardly started, and it would be premature to say anything about it at this stage. In this connection I should like to acknowledge the generous help we have received in planning our work from members of the Toronto Paint and Varnish Production Club.

*Gas*—The work performed on behalf of the Consumers' Gas Company has continued throughout the year. Owing to the increased demands made upon the laboratory, and to the active interest in and support of research work by the President and Directors of the Company we were able to engage a second man for full-time work.

The investigation of methods for the prevention of corrosion leaks in automatic hot-water storage tanks has reached the development stage. Two remedies are being tested in tanks which have replaced ones which failed. Six of these experimental tanks are lined with vitreous enamel, and twelve have been lined with hydraulic cement. Tanks of the latter type have been sold in the States with a guarantee. These service tests follow upon several months observation of the tanks under controlled laboratory conditions.

A new joint for connecting gas meters to lines was designed during the year. After suitable tests in the laboratory it was submitted to the Distributor Conference of the American Gas Association in May last.

During the year we have been able to continue the study of several fundamental problems associated with the corrosion of zinc in water.

The specialized experience of this laboratory has been of great help to those working in other departments on several occasions during the year; particularly in regard to industrial gases and corrosion of metals.

*Ceramics*—With a view to exploring a relatively unknown field in ceramic knowledge, and also realizing the possibility of developing a small subsidiary industry in Northern Ontario an exhaustive study is in progress of the ceramic possibilities of mine tailings from Northern Ontario. These non-metallic residues, finely ground, are of no economic value and sometimes their disposal constitutes a problem to individual mines. A commencement was made by studying the flotation tailings from the gold mines. These contain little pyrite, 60 per cent feldspar, 20 per cent quartz, 15 per cent calcite and magnesite and 5 per cent of iron and other metals. Preliminary tests indicated that by combining in suitable proportions such tailings with flint and fireclay from Northern Ontario it is possible to produce ceramic products having a wide range of colour and porosity. Overfiring was successfully overcome by firing under reducing conditions after the oxidation stage of firing was completed.

We secured temporarily the services of a skilled potter and from some of these mixtures small vases, jars etc., were made and fired under the optimum conditions.

Encouraged by these preliminary results we are now investigating the tailings from nine mines. Their compositions have been determined, and some 72 mixtures of tailings, clay and flint are being fired at 10 different temperatures.

*Adhesives*—For a period of several months we have investigated various problems associated with a package consisting of paper and cellophane. The mechanics of the joints in such an article are a function of these materials and the adhesive used in making the joints. Loss of moisture from food products in such containers is extremely important. How does the moisture leave? Through the body of the package, through the joints or in both ways? A suitable apparatus for testing joint strength has been designed. The original seal submitted for examination had a strength of 92 oz. per inch of width. As a result of our investigations it is now possible to construct the package with a seal strength of 175 oz. per inch. This should reduce considerably deterioration of the product due to breakdown of the container.

The manufacture of paper and cardboard containers for a great variety of Ontario products is an important branch of industry. We are exploring the desirability of developing within the Foundation better facilities for an investigation of the problems both of manufacturer and consumer.

*General Work*—Each year a variety of problems come to the Foundation and which for want of a more precise technical label are classed as "chemistry." They come mainly from small companies with no scientific facilities of their own, and it is important that we should help to the fullest extent. The variety can be readily seen from the following representative list:

(a) How do you manufacture copper-plated mirrors?

(b) What is the cause of a disagreeable taste in butter stored in certain cardboard cartons?

(c) Why does paint peel off the imitation-tile roof of a building?

(d) Why are these embossed cardboard display cards so badly warped?

(e) What has stained so badly the bristles in this brush?

During the past year the number of short-term investigations which have been carried out in this Department is twice that in 1934.

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## BIOCHEMISTRY

*Staff:* Dr. Barbour, Dr. Hanes, Mr. Henry, Mr. Lemon

*Vitamins*—In spite of additional accommodation for experimental animals our facilities for making biological assays of the vitamins present in foods have been severely taxed on occasions during the past year. Assays of vitamin D were made at monthly intervals for three dairies supplying milk in the city of Toronto.

*Vinegar*—Owing to our having been consulted on several occasions by firms making vinegar we have decided to erect within our own laboratories a small unit consisting of two converters. These will be available in the early part of 1936 for experimental work. There is ample opportunity of a better understanding of the principles which control efficiency in the process, and we feel confident that several companies will welcome any constructive suggestion from the laboratory.

*Vegetable Oils*—During the year one member of the staff has been continuously engaged in the study of problems associated with the processing of vegetable oils. This work has been supported by Canada Packers Ltd.

*Leather*—This laboratory has been devoted almost exclusively during the year to a series of important problems submitted to us by tanners and consumers of leather in the Province. That we should be so occupied is a measure of the progress made during the past five years. Some of the problems investigated are listed below:

(a) Development of finishing processes for patent leather.

(b) The fibre structure of sole leather in relation to its wearing quality.

(c) The protection of leather straps from damage by contact with sodium sulphide solutions.

(d) Grain thickness of vegetable tanned leather.

(e) The cause of fatty acid spew.

(f) A study of beam-house practice in the manufacture of chrome leather.

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## AGRICULTURE

*Staff:* Mr. Jarvis, Mr. Chapman, Dr. Skey

In our report for 1934 detailed reference was made to work carried out by the staff in an investigation of a disease which was preventing the satisfactory growth of oats in an area north of Schomberg. We reported the fundamental relationship between two types of soil and the incidence of the disease. It was advisable therefore to describe as accurately and fully as possible these soils. Samples of surface soil, subsoil and the underlying parent material were taken from each type. The following characteristics have been determined, (a) organic matter content, (b) texture, (c) carbonate content, (d) the relative capacity to fix soil phosphates and so prevent utilization by plant life. We have found that the clay loam soil has a parent material containing 44-51 per cent of calcium carbonate, a very high limestone content and that this soil compared with the inorganic soil has a much greater capacity to 'fix' phosphate.

Observations were made during the summer months concerning the extent of the nematode disease in the original area and in the neighbouring counties. There seems no doubt that the infestation was more severe than in 1934. The frequent rains in the 1935 season prevented as serious a loss to the farmers as occurred in 1934. We located a small local outbreak of the disease outside the main area. This occurred also in Schomberg clay loam soil.

A preliminary study has been made of the region bounded on the north by the precambrian rocks, on the west by the Niagara escarpment and on the east by the Ottawa river. By means of the available literature and field observations an outline of the glacial geology of this region has been roughly mapped. It is possible to outline for this region the major events associated with the recession of the last ice sheet and to describe the deposits upon which soils were formed with which we are now concerned from an agricultural viewpoint.

During the summer 40 distinct types of soil have been sampled and studied. In each case preliminary tests have been made to measure the levels of so-called available nutrient elements. Charts are now available showing in a general way the acid-alkali relationships and the available content of phosphorus, potash, calcium and magnesium in the soils throughout this region.

It will be unnecessary to stress the value of this basic data both to the farming community and to research workers who may be concerned in specific problems relating to the crops grown in the region. Time and additional work are required to add the necessary refinement to these results. The results already obtained give convincing evidence of soil depletion and the necessity for rebuilding the content of essential nutrients. No programme based on the use of artificial fertilizers can succeed unless it is based on a detailed and accurate study of the existing soils. We have ample evidence also of the existence within this region of marginal and submarginal land which can only be used successfully for agricultural purposes when its limitations are fully understood and the whole plan of farming is based on these scientific facts. I need not enlarge upon the connection between these facts and the social problems created by a constant and unprofitable struggle by sections of our farming community.

During the summer Mr. Jarvis attended the Third International Congress of Soil Science held at Oxford, England, and the Imperial Botanical Conference in London. Delegates from 55 countries attended the first of these. Subsequent to the meeting an opportunity was given to spend some time at Rothamsted Experimental Station and other centres in the British Isles where agricultural research is in progress. Visits were also paid to outstanding examples of successful farming under a wide variety of conditions. The papers presented, the visits and the personal contacts and discussion, all contributed to make the time interesting and most helpful in the work we are attempting here. The impressions of British farming brought back by Mr. Jarvis can best be summarized in the words—"Conserve the land."

We have brought to a conclusion our study of grape growing and marketing in the Niagara district. The following aspects have been brought up to date; historical background, extent and localization, its place in the general scheme of farming in this area, the standards and methods of vineyard management, the marketing of grapes, and finally suggested methods for the stabilization of the industry.

## PATHOLOGY AND BACTERIOLOGY

*Staff:* Dr. Hadwen, Dr. Gwatkin, Mr. Fallis

*Mastitis*—During the past year the two seniors in this Department have devoted the major portion of their time to a study of problems associated with mastitis. This disease resembles bovine contagious abortion and tuberculosis in being a source of serious loss to the dairy farmer and in its wide distribution throughout the world.

There are no accurate statistics available to indicate the prevalence of mastitis in Ontario herds. The gravity of the situation can be sensed generally, however, by consulting members of the veterinary profession or by discussing the recent experiences of practical farmers. It is a story of disease entering herds in ways not clearly understood, spreading rapidly, causing irreparable loss and at the same time an atmosphere of despair owing to the fact that no curative agent is available to the profession.

Although we have no means of judging accurately the loss to our own farmers it may be of interest to consider the figures regarding conditions in the neighbouring state of New York. Holford (1930) surveyed and reported upon 5,000 dairy herds in the area from which New York City receives its milk supply. He reports that 8.6 per cent of the cows were discarded annually. This figure does not include animals infected with tuberculosis or cows sold for milking purposes. More than half were removed from the herds on account of udder troubles. Considering the losses due to reduced milk production and the ultimate removal of animals he estimates an annual loss of approximately eight million dollars to this one state. This figure changes of course according to the changes in the value of milk and dairy cows, but it is quite definitely a loss of serious proportions.

Rosell has reported that in the Province of Quebec 34.2 per cent of 1,222 cows examined were suffering from mastitis. Later on in my report, figures will be given showing our findings on a smaller group of cows in Ontario. In addition to securing this statistical and ultimately economic information our object has been to use and compare the various methods which have been recommended as aids to early and reliable diagnosis. It will be seen from what follows that at present there is no biological test available resembling in principle the agglutination test used for the diagnosis of infection by *Brucella abortus*. To detect the early stages of infection is a more time consuming and difficult problem.

Owing to the generous co-operation given to our staff by Dr. H. M. LeGard of Weston it has been possible to examine physically all the animals we have studied. This clinical data has been correlated with the findings in the laboratory concerning milk samples taken from each quarter as far as possible under sterile conditions. The appearance of each sample was recorded taking note of thinness, discolouration, flakes, blood or sediment. Each sample was tested with bromthymol blue paper. The results were classified as being changes from the original yellow test-proper to dark green, green, light green or unchanged.

The method suggested by Hadley for testing the rate of coagulation of milk by rennet was used. Good milk under the conditions of test is firmly clotted in 15 minutes. Milks requiring more than 30 minutes were recorded as abnormal. Many samples which are quite normal in appearance do not clot at all.

Slides of each sample were stained and examined under the microscope. This method of examination is rapid, and on the whole the conclusions obtained in this way are supported by clinical reports and the results obtained by culturing and identifying the flora of the milk. This intensive study of the cells and bacteria to be found in microscopic preparations of milk from different sources has gradually led to a more detailed investigation of the udder both in the normal and diseased condition. We are not alone in thinking that further knowledge of the udder is a prerequisite to a complete understanding of the diseases associated with it. The distribution of foci of infection, and a study of the lesions associated with various organisms are questions which must be answered.

By cultural methods which need not be described in detail the organisms found in milk samples have been separated and identified. Those due to contamination of the milk by handling and dirty conditions were readily distinguishable. Each of the types associated with mastitis was examined in pure culture. These records were then compared with the findings from the chemical and microscopic examination of the milk samples.

The results to-date indicate that of 316 cows examined, 139 or 44 per cent showed clear evidence of mastitis, and 29 cows or 9.1 per cent were suspicious. This group of infected animals may be subdivided into 93 cases of streptococcic mastitis, 33 cases of staphylococcic matitis, one due to B. pyogenes and 12 in which the causative organism was not identified.

A comparison of independently prepared records relating to the same animals brings out the following valuable information concerning the several methods of diagnosis. If we assume that the microscopic study detects all cases then, (a) cultural methods failed to diagnose 8.4 per cent of the cases, (b) bromthymol blue and rennet failed in 29.5 per cent, (c) clinical examination failed to detect 21.7 per cent. Five cows which had clinical symptoms showed no indications of mastitis by other methods. In all probability these were latent or recovered cases.

It will be seen from this summary of the work that we are slowly accumulating reliable data on which estimates of the extent of and losses due to this disease in Ontario can be based. Without question the methods used and the results obtained will be helpful to the members of the veterinary profession who are wrestling with this difficult problem in the field.

*Parasitology*—Owing to the co-operation of Canada Packers Ltd. we have received each week two or three sets of viscera of lambs sent in to the plant from known localities within Ontario. This material has been systematically examined to determine the extent and type of infection by parasites. The full details of the methods used will be given later, and I shall only refer here to the gross findings. Sixty-nine sheep had been examined during the year and all showed parasitic infestation. Thirteen genera of worms have been identified, and each animal contained specimens from seven of these on the average. The total number of parasites varied from 50 to 22,000 with an average of approximately 3,900. There was no evidence of any localization of particular genera in parts of southern Ontario.

Again through the courtesy of Canada Packers we have started an experiment with a group of lambs brought from the west for winter feeding. Usually these lambs are infested with the fringed tapeworm (Thysanosoma actinoides) which invades the ducts of the liver. When a lamb is killed this organ, if infected is condemned by the health officers stationed in the plant. Three groups of 25 lambs were selected and set apart in pens. One group was treated twice with a mixture of copper sulphate and Black Leaf 40 (tobacco), half a second group were treated with male fern extract and the other half with carbon tetrachloride. The third group has been kept as a control. The lambs have been weighed at regular intervals and kept under observation. After slaughtering they will be examined in order to judge the effect of the treatments on parasites.

All of which is respectfully submitted.

Faithfully yours,

H. B. SPEAKMAN,
*Director.*

## *Appendix A*

### ADVISORY COUNCIL

*Chairman:* Sir Joseph Flavelle, Bart.

*Vice-Chairman:* E. Holt Gurney, Esq.

*Advisory Council:*

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| J. H. Black, Esq. | Vice-President, Spruce Falls Power and Paper Co., 330 Bay Street, Toronto. |
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| Thomas Bradshaw, Esq. | President, North American Life Assurance Co., Toronto. |
| H. H. Champ, Esq. | Vice-President, The Steel Company of Canada, Ltd., Hamilton, Ont. |
| G. I. Christie, Esq., B.S.A., D.Sc. | President, Ontario Agricultural College, Guelph, Ontario. |
| A. L. Clark, Esq., B.Sc., Ph.D. | Dean, Faculty of Applied Science, Queen's University, Kingston, Ont. |
| Elmer Davis, Esq. | Vice-President, A. Davis & Son, Ltd., Kingston, Ontario. |
| R. C. Dearle, Esq., M.A., Ph.D. | Professor of Physics, University of Western Ontario, London, Ontario. |
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| Kenneth J. Dunstan, Esq. | The Bell Telephone Company of Canada, 76 Adelaide Street, West, Toronto. |
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| R. M. Jenkins, Esq., V.S. | Manager, Don-Alda Farm, Donlands, Ontario. |
| Louis Lang, Esq. | President, Lang Tanning Co., Ltd., Kitchener, Ontario. |
| G. C. McEwen, Esq. | Vice-President and General Manager, Imperial Varnish & Colour Co., Ltd., 6 Morse Street, Toronto. |

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|---|---|
| Robert McEwen, Esq. | Alloway Lodge Stock Farm, Byron, Ontario. |
| George McLaughlin, Esq. | Box 235, Oshawa, Ontario. |
| J. Stanley McLean, Esq. | President, Canada Packers, Limited, Toronto. |
| Humfrey Michell, Esq., M.A. | Professor of Political Economy, McMaster University, Hamilton, Ont. |
| W. Lash Miller, Esq., B.A., Ph.D. | Professor of Physical Chemistry, University of Toronto. |
| Paul J. Myler, Esq. | President, Canadian Westinghouse Co., Ltd., Hamilton, Ontario. |
| T. A. Russell, Esq., LL.D. | President, Massey-Harris Co., Ltd., Toronto. |

*Appendix B*

## ONTARIO RESEARCH FOUNDATION STAFF

December 31st, 1935

*Director*—H. B. Speakman, D.Sc. (Manc.)
*Secretary*—Ralph Skelton, B.Sc. (McGill)
*Librarian*—Miss Maynard Grange
*Assistant to the Secretary*—Miss Margherita Lombardo
*Artist*—Miss Margaret Clarke

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*Secretary*—Miss L. L. Blackburn
*Research Fellow*—J. R. Gordon, B.Sc. (Queen's)
*Research Fellow*—J. N. Goodier, Ph.D. (Cantab.), Sc.D. (Mich.)
*Research Fellow*—G. S. Farnham, B.A., M.Sc. (Queen's), Ph.D. (Manc.)
*Instrument Maker*—J. F. Low

### CHEMISTRY

*Director*—A. E. R. Westman, M.A., Ph.D. (Tor.)
*Secretary*—Miss Marjorie MacPherson
*Research Fellow*—O. J. Schierholtz, B.A.Sc. (Tor.)
*Research Fellow*—Cyril Tasker, M.Sc. Tech. (Manc.)
*Research Fellow*—J. E. Maconachie, M.A. (Tor.)
*Research Fellow*—M. L. Staples, M.A. (Tor.)
*Research Fellow*—I. J. W. McHattie, B.A. (Tor.)

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*Director*—A. C. Goodings, M.A., Ph.D., (Leeds)
*Research Fellow*—R. W. McKay, M.A., Ph.D. (Tor.)
*Research Fellow*—C. E. Coke, M.Sc. (Man.), M.A. (Tor.)
*Research Fellow*—F. W. Love, B.A.Sc. (Tor.)
*Research Fellow*—A. M. Carr-Harris, B.A. (Wes.)
*Assistant*—Frank Bishop

### PATHOLOGY AND BACTERIOLOGY

*Director*—Seymour Hadwen, D.V.Sci. (McGill), F.R.S.C.
*Secretary*—Miss Ruth Mackenzie
*Research Fellow*—Ronald Gwatkin, V.S., D.V.Sc.
*Research Fellow*—A. M. Fallis, B.A., (Tor.)
*Animal Keeper*—J. E. Pritchard

### BIOCHEMISTRY

*Director*—H. B. Speakman, D.Sc. (Manc.)
*Secretary*—Miss Suzette Troop
*Research Fellow*—A. D. Barbour, B.A.Sc., M.A., Ph.D. (Tor.)
*Research Fellow*—W. C. Henry, B.A. (Tor.)
*Research Fellow*—C. S. Hanes, B.A. (Tor.) Ph.D. (Cantab.)
*Research Fellow*—H. W. Lemon, M.A. (Tor.)

### AGRICULTURE

*Director*—H. B. Speakman, D.Sc. (Manc.)
*Research Fellow*—T. D. Jarvis, B.S.A. (Tor.)
*Research Fellow*—B. P. Skey, A.E. (Prague), M.A., Ph.D. (Tor.)
*Research Fellow*—L. J. Chapman, B.S.A. (Tor.)

*Appendix C*

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*A limited number of those reprints marked with an asterisk are still available and may be obtained on application to the Librarian.

*Appendix D*

## ONTARIO RESEARCH FOUNDATION

Exhibit "A"

## BALANCE SHEET

As At December 31, 1935

### *ASSETS*

| | | | |
|---|---|---|---|
| *Cash in Bank and on Hand:* | | | |
| *In The Canadian Bank of Commerce:* | | | |
| Trust Bank Account | $10,139.14 | | |
| Operating Bank Account | 10,385.45 | | |
| | | $20,524.59 | |
| Petty Cash | | 37.53 | |
| | | | $ 20,562.12 |
| *Investments—At Cost:* | | | |
| Canadian Trustee Bonds | | $3,071,315.50 | |
| Canadian Public Utility Bonds | | 244,494.07 | |
| Realty Bonds | | 78,355.75 | |
| Bonds of the British Empire outside Canada | | 85,809.75 | |
| Foreign Government Bonds | | 19,270.66 | |
| Miscellaneous Bonds | | 20,644.55 | |
| Canadian Preferred Stocks | | 27,500.00 | |
| | | $3,547,390.28 | |
| Accrued Interest thereon to December 31, 1935 | | 44,550.79 | |
| *Total Investments* | | | 3,591,941.07 |
| *Accounts Receivable:* | | | |
| *Sundry Accounts Receivable:* | | | |
| For Bond Interest overdue and unpaid | $2,829.54 | | |
| Less: Reserve (in full) | 2,829.54 | | |
| Current Accounts Receivable | $2,928.24 | | |
| Less: Reserve | 670.46 | | |
| | | 2,257.78 | |
| | | | 2,257.78 |
| Stores and Containers | | | 9,527.24 |
| Prepaid Insurance | | | 498.27 |
| *Fixed Assets (being owned by Ontario Research Foundation):* | | | |
| Structural Additions and Alterations | | 7,839.16 | |
| Apparatus and Instruments | | 12,935.56 | |
| Office Furniture and Fixtures | | 2,883.89 | |
| Library | | 14,096.72 | |
| | | | 37,755.33 |
| | | | $3,662,541.81 |

## *LIABILITIES, RESERVES AND SURPLUS*

| | | | |
|---|---|---|---|
| Accounts Payable | | | $ 564.79 |
| *Reserves:* | | | |
| Reserve provided for depreciation in value of Securities | | $ 235,000.00 | |
| *Reserves for Replacement of Equipment:* | | | |
| Structural Additions and Alterations | $14,474.97 | | |
| Apparatus and Instruments | 36,025.87 | | |
| Office Furniture and Fixtures | 3,920.77 | | |
| Library | 6,064.66 | | |
| | | 60,486.27 | |
| *Total Reserves* | | | 295,486.27 |
| *Total Subscriptions* | | $3,726,670.00 | |
| LESS: *Subscriptions Unpaid:* | | | |
| Not Due | 221,810.00 | | |
| Overdue | 141,810.00 | | |
| | | 363,620.00 | |
| Subscriptions Paid | | | 3,363,050.00 |
| Income Surplus | | | 3,440.75 |
| | | | $3,662,541.81 |

Signed on behalf of Ontario Research Foundation:
RALPH SKELTON,
Secretary-Treasurer.

I have audited the books and accounts of Ontario Research Foundation for the year ended December 31, 1935 and I have received all the information and explanations I have required and I certify that, in my opinion and subject to my report, the above Balance Sheet is a true and correct view of the affairs of Ontario Research Foundation as at December 31, 1935 according to the information and explanations given me and as shown by the books.

All my requirements as auditor have been complied with.

January 23, 1936.

A. ELLIOTT ALLEN, C.A.,
Of Allen, Miles & Fox,
*Chartered Accountants.*

Exhibit "B"

## ONTARIO RESEARCH FOUNDATION

## INCOME AND EXPENDITURE ACCOUNT

### Year Ended December 31, 1935

| | | | | |
|---|---|---|---|---|
| Income: | | | | |
| Balance at January 1, 1935 | | | $ 3,543.38 | |
| Bond Interest: | | | | |
| Received | $126,800.88 | | | |
| Accrued | 44,550.79 | | | |
| | | $171,351.67 | | |
| Bank Interest | | 615.06 | | |
| Researches for Industrial Corporations | | 32,311.52 | | |
| Discount Taken | | 41.16 | | |
| U.S. Exchange | 99.28 | | | |
| Sterling Exchange | 405.32 | | | |
| | | 504.60 | | |
| | | | 204,824.01 | |
| | | | | $208,367.39 |
| Expenditure: | | | | |
| *Salaries:* | | | | |
| Laboratory Salaries | 86,818.14 | | | |
| Other Salaries | 26,701.06 | | | |
| | | 113,519.20 | | |
| *Laboratory Expense:* | | | | |
| Chemicals | 892.33 | | | |
| Apparatus | 2,337.50 | | | |
| Other Supplies | 6,013.47 | | | |
| Travelling | 3,335.26 | | | |
| Sundry | 2,271.91 | | | |
| Special Grants | 2,125.60 | | | |
| | | 16,976.07 | | |
| *General Expense:* | | | | |
| Bank Charges | 72.57 | | | |
| Brokers' Charges | 88.02 | | | |
| Extension Work | 2,790.92 | | | |
| Fuel | 2,048.13 | | | |
| Gas and Water | 938.94 | | | |
| General Expense | 4,388.43 | | | |
| Insurance | 596.19 | | | |

| | | | | |
|---|---|---|---|---|
| Light and Power | 1,296.44 | | | |
| Office Expense | 737.11 | | | |
| Postage and Excise | 333.74 | | | |
| Repairs to Buildings | 603.88 | | | |
| Staff Annuity Account | 1,747.68 | | | |
| Telephone and Telegraph | 962.59 | | | |
| Travelling | 208.31 | | | |
| | | 16,812.95 | | |
| | | | 147,308.22 | |
| *Depreciation:* | | | | |
| On Structural Alterations and Additions | | 2,261.28 | | |
| On Apparatus and Instruments | | 6,614.86 | | |
| On Furniture and Fixtures | | 677.33 | | |
| On Library | | 1,461.14 | | |
| | | | 11,014.61 | |
| Transferred to Reserve for Doubtful Accounts | | | 2,252.64 | |
| Transferred to Securities Reserve Account | | | 44,351.17 | |
| | | | | 204,926.64 |
| INCOME SURPLUS AS AT DECEMBER 31, 1935 | | | | $ 3,440.75 |

FORTY-NINTH and FIFTIETH COMBINED ANNUAL REPORT

OF THE

# Niagara Parks Commission

## 1934 and 1935

PRINTED BY ORDER OF
THE LEGISLATIVE ASSEMBLY OF ONTARIO
SESSIONAL PAPER No. 70, 1936

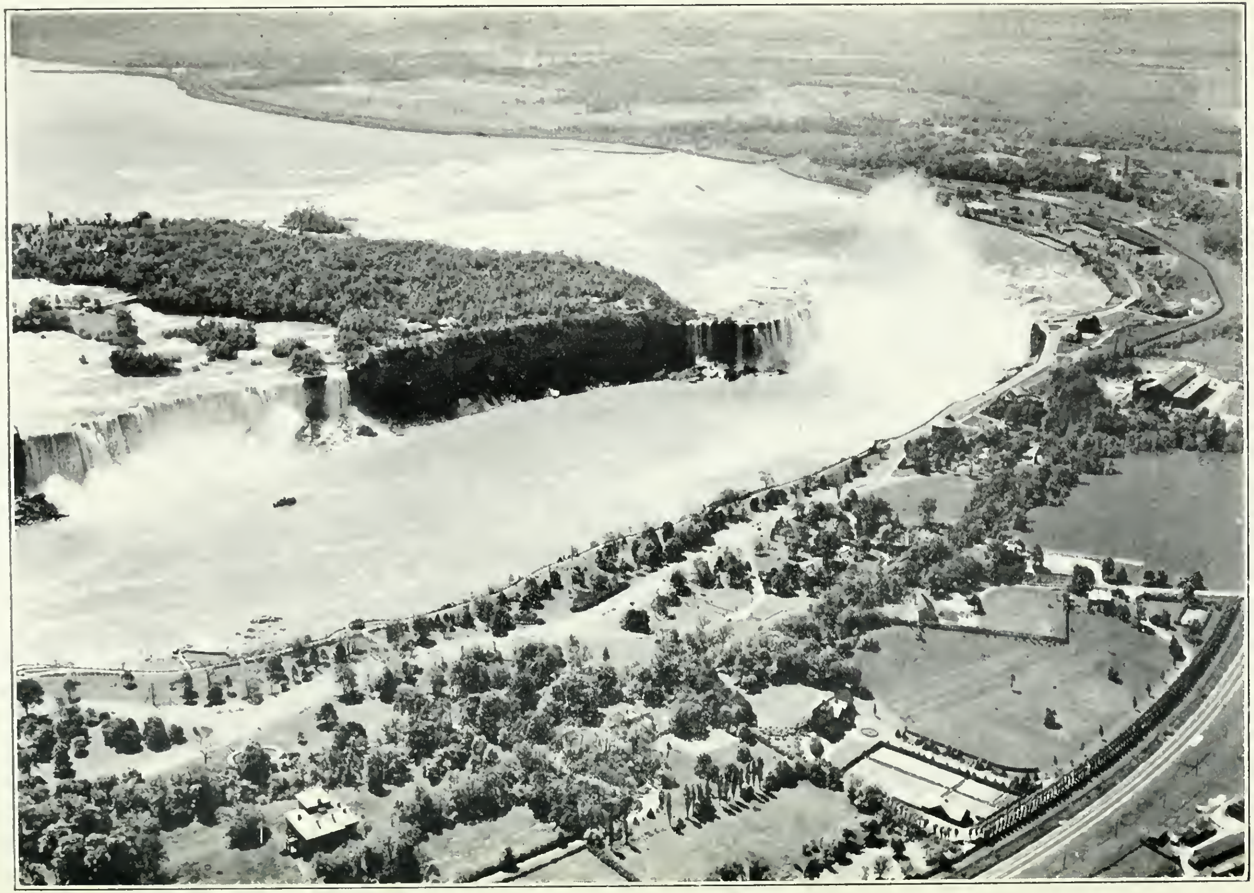
ONTARIO

TORONTO
Printed and Published by T. E. Bowman, Printer to the King's Most Excellent Majesty
1936

## THE NIAGARA PARKS COMMISSION

HON. T. B. McQUESTEN, K.C., Chairman, Hamilton.
DR. GEORGE B. SNYDER, Vice-Chairman, Niagara Falls.
FRED W. BEARD, St. Catharines.
WM. L. HOUCK, B.S., M.L.A., Chippawa.
JOHN C. M. GERMAN, K.C., Toronto.
ROSS HARSTONE, Hamilton.
A. T. WHITAKER, Brantford.
DONALD McGILLIVRAY, Port Colborne.

GENERAL MANAGER
C. ELLISON KAUMEYER.



General View of Niagara Falls

# FORTY-NINTH AND FIFTIETH (COMBINED) ANNUAL REPORTS

## OF THE

# NIAGARA PARKS COMMISSION

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TO THE HONOURABLE HERBERT A. BRUCE, R.A.M.C., M.A., F.R.C.S. (Eng.)
*Lieutenant-Governor of the Province of Ontario.*

MAY IT PLEASE YOUR HONOUR:

The Niagara Parks Commission begs to submit for the information of the Legislature, the Forty-ninth and Fiftieth (combined) Annual Reports, covering the management of the Parks and Parkways under its jurisdiction along the Niagara River during the period from December 1st, 1933, to November 30th, 1935.

On September 6th, 1934, the new Board appointed by the Ontario Government, took over its duties. The membership at that time was composed of the Hon. T. B. McQuesten, K.C., Minister of Highways, Dr. George B. Snyder, Niagara Falls, Fred W. Beard, St. Catharines, Robert Cooper, Welland, Ross Harstone, Hamilton, and A. T. Whitaker, Brantford. Later, W. L. Houck, M.L.A., Chippawa, and J. C. M. German, K.C., Toronto, were added to the Board. The death of Robert Cooper occurred on November 23rd, 1934, and Donald McGillivray, Port Colborne, was appointed to his place.

Hon. T. B. McQuesten, K.C., was named Chairman of the Board, and Dr. George B. Snyder was named Vice-Chairman. At the first Meeting of the new Board, held on September 6th, 1934, the resignations were accepted of Norman Sommerville, K.C., Chairman, and Commissioners Lieut.-Col. L. C. Raymond, K.C., William L. Doran, Hon. J. D. Chaplin, Hon. George S. Henry, R. Home Smith, David M. Wright and Harry Oakes.

Mr. John H. Jackson, General Manager and Secretary of the Commission, having made application for superannuation on account of his health, the Board recommended that he be superannuated, and the application was forwarded to the proper authorities. In recognition of his long services with the Commission, he was given two months' leave of absence with pay, his resignation being accepted to take effect immediately.

Similar action was taken with regard to Major J. R. Bond, Superintending Engineer.

Mr. C. Ellison Kaumeyer, Chippawa, was appointed General Manager and Secretary to the Commission.

### DEATHS RECORDED

The death of Dr. H. Y. Grant, Commissioner, took place on June 25th, 1934, and a suitable resolution was forwarded to the family in appreciation of his services. The gift of seven Victoria engravings from his collection was gratefully accepted and acknowledged.

The death of Robert Cooper, Welland, Commissioner, took place on November 23rd, 1934. The Commission attended his funeral in a body, a floral tribute having been sent, and a resolution of regret was inscribed on the Minutes.

The death of W. L. Doran, former member of the Commission, took place on December 3rd, 1934. A resolution of sympathy was ordered inscribed on the Minutes, and a copy sent to the family.

The death of R. Home Smith, a former member of the Commission and the Fourth Chairman, occurred on February 4th, 1935, and an appreciation of his services was placed on the Minutes.

One of the principal matters to occupy the attention of your Commission during the period reviewed was the arbitration proceedings with the International Railway Company.

A. G. Slaght, K.C., was retained as Counsel for the Commission and F. W. Griffiths, K.C., Niagara Falls, as Assistant Counsel.

Chief Justice Sir William Mulock appointed Hon. Mr. Robert Smith, Ottawa, as Chairman of the Board of Arbitrators. The International Railway Company had named R. S. Robertson, K.C., Toronto, and the Niagara Parks Commission had named G. W. Mason, K.C., Toronto.

The arbitration was set up in The Park Restaurant building of the Commission.

The Arbitrators sat for forty-seven days.

Their award was that the Niagara Parks Commission should pay to the International Railway Company the sum of $179,104.00 with the costs defined. The Company appealed this decision, but to November 30th the judgment of the Appeal Court had not been rendered. As the matter is still sub judice, your Commission makes no comment upon the case.

In the 1933 Report of the Niagara Parks Commission, reference was made to the burning of the Clifton Hotel, and the removal of the Lafayette Hotel, with the notation "This whole plot of ground, approximately 460 feet by 330 feet, would add largely to the Falls View Bridge entrance to Ontario if obtained for public use"

Your present Commission is happy to report that through the generosity of Mr. Harry Oakes, this had been added to the properties of the Niagara Parks Commission. Suitable design to convert this into a park entity in the form of a garden theatre has been secured and accepted, and the work has been started, to be carried on over a period of years, as funds permit.

In exchange, the Commission deeded to Mr. Harry Oakes a small plot of land above the steep hill at the rear of Queen Victoria Park proper. The commission is deeply indebted to Mr. Oakes for the exchange, by which the Province of Ontario gained greatly. In addition, Mr. Oakes gave to the Commission as part of the exchange, a strip of land along the Niagara River Parkway between Chippawa and Usher's Creek, containing approximately five and one-half acres.

During the year 1935, the Commission secured the services of Mr. K. M. Broman, expert in Arboriculture, consequent upon decision to embark upon a steady programme of parkway planting, with a view to eventual building up of an arboretum. The planting was carried out during the late fall months, as long as the weather held open. Following that, Mr. Broman

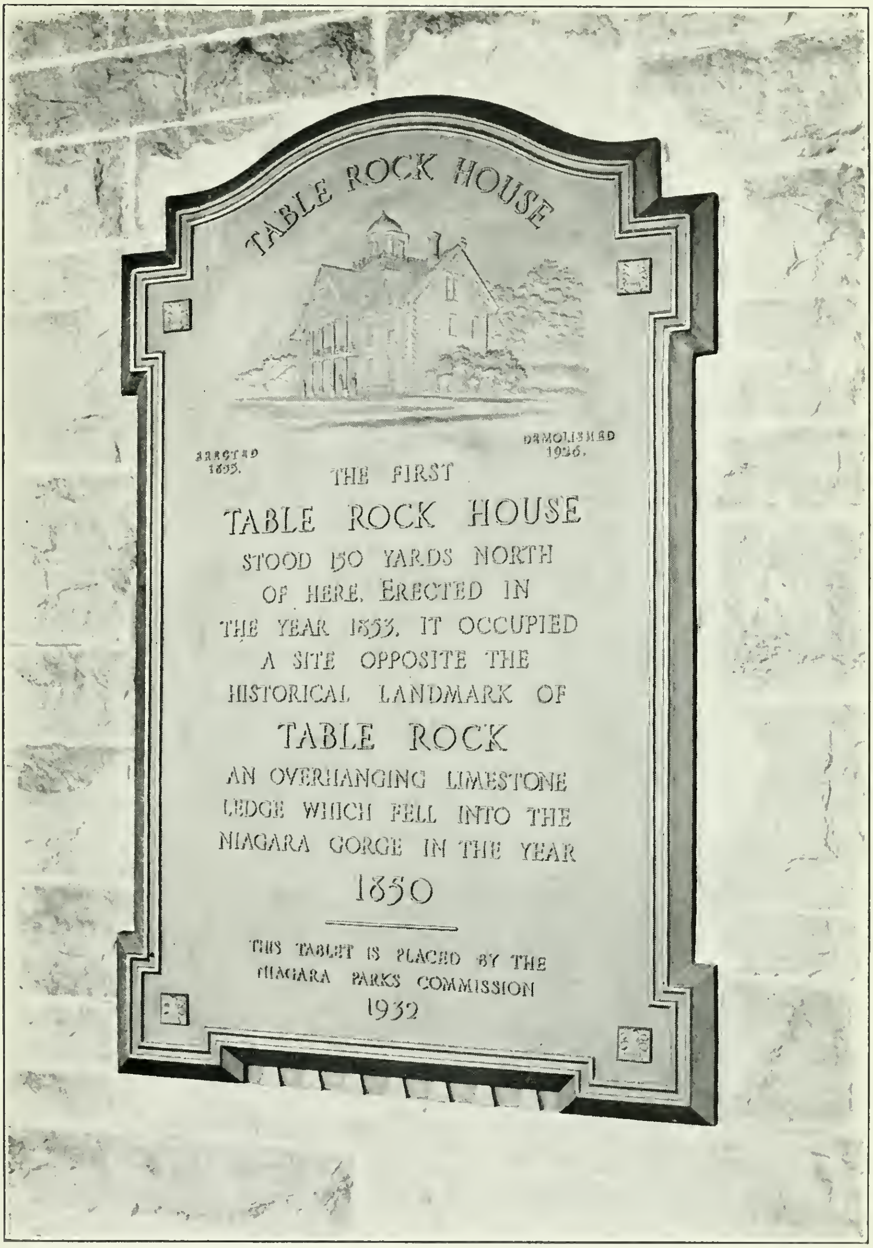


TABLE ROCK HOUSE

ERECTED
1853.

DEMOLISHED
1926.

THE FIRST
TABLE ROCK HOUSE
STOOD 150 YARDS NORTH
OF HERE. ERECTED IN
THE YEAR 1853. IT OCCUPIED
A SITE OPPOSITE THE
HISTORICAL LANDMARK OF
TABLE ROCK
AN OVERHANGING LIMESTONE
LEDGE WHICH FELL INTO THE
NIAGARA GORGE IN THE YEAR
1850

THIS TABLET IS PLACED BY THE
NIAGARA PARKS COMMISSION
1932

Tablet Commemorating the First Table Rock House

spent his time in development of planting plans for an arboretum, with which the Commission will proceed as fast as finances and opportunities will permit. The Commission has received cooperation from the Rochester Parks Department through Mr. P. J. Slavin, and from Arnold Arboretum, Harvard University, Cambridge, Mass., and hopes within a few years to present really worth while results.

During the same year, a lease was granted to the Robertson Engineering and Construction Company, for the construction and operation of an elevator at the Whirlpool Rapids, the incline to reach which, as has been previously, having been burned down in the Spring of 1934.

Yearly, numbers of geese fly over the Niagara River. Some of them dropping on the river, allow themselves to be taken so far down the stream that they are unable to rise against the fast current and are swept over the Falls. This year was no exception, but a group of five was rescued, and brought to land safely, being penned up on Commission property. It is hoped to make these the nucleus of a flock which will prove an attraction to the public.

During the two years under review, the Commission had exhibits at the Royal Agricultural Winter Fair at Toronto, and many favourable comments on the display were received.

The present greenhouses are outdated, and your Commission hopes to be able to build more modern ones in a spot more accessible to the general public than those at present in use, which were erected temporarily thirty-five years ago, but have remained as permanent ones.

In the interests of economy, mechanical stokers replaced more expensive types of heating where practicable in the Commission's buildings. Savings from the ability to use the less expensive grades of fuel were such as to pay the cost of installation, the first year, and all savings hereafter will be to the credit of the Commission.

Changing traffic conditions, owing to the increased width of buses and the greater number of cars on the Parkway, brought to the fore the necessity of widening and straightening some of the narrow bridges built at angles on the Parkway. During 1935, the bridges at Black Creek and Usher's Creek were widened, at a cost of $10,645.43. This eliminates two danger spots on the Parkway. It is your Commission's intention to keep the Parkway roads in the best condition possible, and further such widening will be carried out as funds permit.

On May 5th, 1934, the Whirlpool Rapids Incline was destroyed by fire. Insurance of $2,500.00 was received.

During the two years, development of Mather Park, Fort Erie, was continued as finances permitted. To the end of November, 1935, the total spent was $17,617.90.

During the same period $6,028.19 was spent on the protection of the foreshore at Fort Mississauga (Golf Course) with excellent results so far as protection was concerned. As well, much aid was given, in both cases, to the unemployed of Fort Erie and Niagara-on-the-Lake.

The entire Fort Mississauga and Fort George Reserves area was formally turned over to your Commission during the period.

Approval was given to the Buffalo Historical Society to provide a burial place at Old Fort Erie for the remains of U. S. soldiers found in the vicinity.

A book of fifty views of Niagara Falls was forwarded in answer to a request from the Archivist at Aalborg, Denmark, and appreciation received.

A regrettable occurrence was the suicide on August 12th, 1934, of Mrs. Ruth T. Hyde, Bradford, Pa., who jumped from the aerocar, of the Niagara Spanish Aerocar Company, while it was crossing the Whirlpool.

## ROCK SLIDES

On August 13th, 1934, a rock slide was reported at the Goat Island side of the Horseshoe Falls, the slip amounting to about 45,000 tons. It was then recalled that a similar fall at the American Falls on January 17th, 1931, brought down about 75,000 tons.

In view of such falls, your Commissioners paid particular attention to the condition of the Canadian side. On December 3rd, 1934, your Commissioners inspected the Scenic Tunnel, and while on that inspection, discovered that a large overhang, immediately in front of Table Rock House, had developed a crack, visible from below. On December 4th, 1934, there was a fall of some 200 tons of rock. The best possible engineering advice was secured, and it was found that the crack extended throughout the overhang, from the brink of the Falls, necessitating blasting operations and lessening of the view circle long popular with motorists, whose cars were actually parked on the overhang. This work was carried on during 1935, with as little interference with traffic as possible. Far from being a handicap, the blasting operations, as carried out successfully under the direction of A. Michie, proved to be a great attraction, thousands of people being drawn to the scene to witness the blasts.

The removal of the overhang actually improved the view of the Horseshoe Falls from Table Rock and from points along the top of the Gorge. The cost was approximately $14,000.00.

During the period, the following were entertained by the Commission:

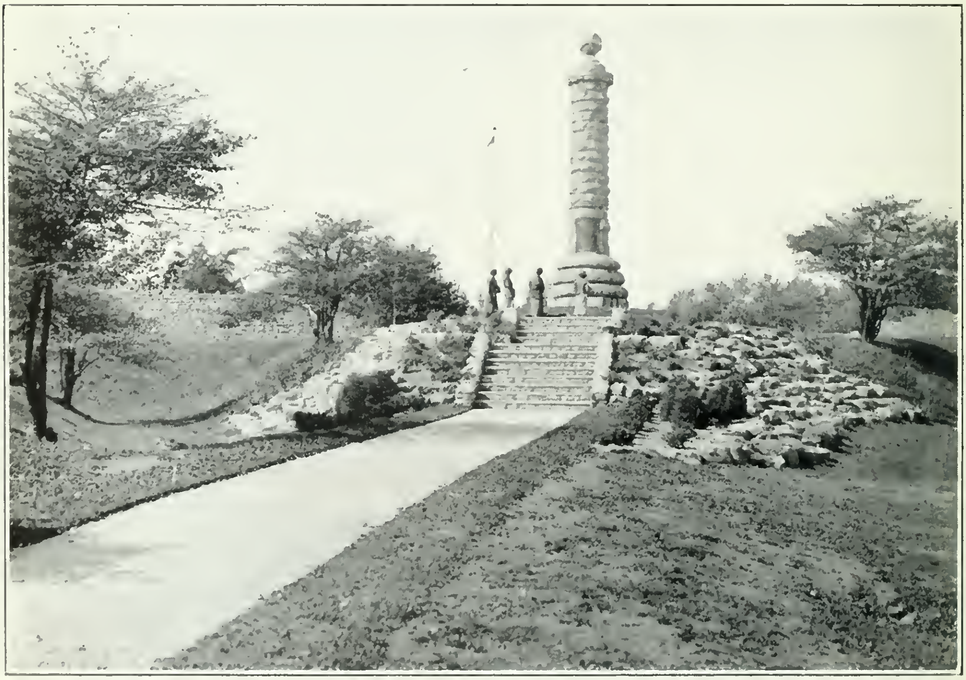
| | |
|---|---|
| January 13th, 1934 | Italian Party—Lunch at Table Rock |
| March 10th, 1934 | Canadian Curlers—Lunch at Table Rock. |
| April 1st, 1934 | Senior O.H.A. Hockey Teams (Eastern Canada Allan Cup Finals, Fort William and Moncton) Scenic Tunnel trip, 52 in party. |
| July 12th-13th, 1935 | Rt. Hon. J. A. Lyons, Premier of Australia and Party, entertained at The Park Restaurant. |
| August 13th, 1935 | Hon. J. W. Downie, High Commissioner to England and former Cabinet Minister of Southern Rhodesia Government. |
| | A. R. Thomson, M.P., Wankie, Southern Rhodesia, and Party. |
| August 21st, 1935 | Hon. R. Leyton Butler, Premier of South Australia. |
| September 4th, 1935 | Sir Frederick Stewart, Minister of Employment for Australia, and Lady Stewart. |

The Commission has decided, in accordance with the suggestion of C. S. Walters, Deputy Minister of Public Works and Controller of Finances, that the fiscal year be changed to March 31st, in place of November 30th, thus putting the Commission's books in accord with those of the Provincial Government.

Niagara River Parkway North

Lower Niagara River from Queenston Heights Park

Winter Scenery, Queen Victoria Park



Rock Garden and Monument at Old Fort Erie Park

Consequently, the next Report of the Commission will carry a four months' period, from November 30th, 1935, to March 31st, 1936, and then a complete twelve month year from April 1st to March 31st of the following year.

All of which is respectfully submitted.

T. B. McQUESTEN (*Chairman*).
GEORGE B. SNYDER (*Vice-Chairman*).
FRED W. BEARD.
WM. L. HOUCK.
JOHN C. M. GERMAN.
ROSS HARSTONE.
A. T. WHITAKER.
DONALD McGILLIVRAY.

Niagara Falls, Ontario,
February 7th, 1936.

## NIAGARA PARKS COMMISSION
## BALANCE SHEET AS AT NOVEMBER 30th, 1934

### ASSETS

| | | | | |
|---|---|---|---|---|
| **CURRENT** | | | | |
| Cash on Hand | $ 1,000 00 | | | |
| Imperial Bank, Niagara Falls | 257 77 | | | |
| | | $ 1,257 77 | | |
| Accounts Receivable | | 5,100 26 | | |
| Inventories of Supplies and Souvenirs | | 3,475 85 | | |
| | | | $ 9,833 88 | |
| **RESERVE FUNDS** | | | | |
| Sinking Fund Provisions for Debenture Issues | | | | |
| (1) Imperial Bank, Niagara Falls, on Deposit | | $ 61,716 00 | | |
| (2) Treasury Department of Ontario, At Credit with | | 54,328 45 | | |
| (Deducted from Debenture Issues) | | $ 116,044 45 | | |
| In Guaranteed Investment Certificates of The Toronto General Trusts Corporation, for:— | | | | |
| (1) Public Liability | | $ 26,651 26 | | |
| (2) Depreciation, Buildings and Improvements | | 202,910 37 | | |
| | | | 229,561 63 | |
| **PROPERTY** | | | | |
| Land, Buildings and Improvements, cost | $4,068,377 86 | | | |
| *Less*: Reserve for Depreciation | 914,614 40 | | | |
| | | $3,153,763 46 | | |
| Office and Restaurant Equipment, cost | $ 99,046 51 | | | |
| *Less*: Reserve for Depreciation | 88,575 85 | | | |
| | | 10,470 66 | | |
| Cars and Trucks, cost | $ 8,504 81 | | | |
| *Less*: Reserve for Depreciation | 7,614 91 | | | |
| | | 889 90 | | |
| Miscellaneous, Equipment and Tools, cost | $ 27,088 65 | | | |
| *Less*: Reserve for Depreciation | 26,555 89 | | | |
| | | 532 76 | | |
| Tableware, Linens and Utensils, cost | $ 29,289 05 | | | |
| *Less*: Reserve for Depreciation | 22,508 25 | | | |
| | | 6,780 80 | | |
| | | | 3,172,437 58 | |
| **DEFERRED** | | | | |
| Payment made by the Commission in 1932 to the City of Niagara Falls in respect to the removal of the City Water-Works from the Park Properties | $ 50,000 00 | | | |
| *Less*: Written off | 15,000 00 | | | |
| | | $ 35,000 00 | | |
| Legal, Engineering, Survey Fees and cost to date of protection of property in connection with International Railway lease terminated in 1932; less insurance money received for the burning of "Whirlpool" property and less money received for certain small items | | 7,648 89 | | |
| Discount on Debentures | $ 87,820 00 | | | |
| *Less*: Written off | 28,161 63 | | | |
| | | 59,658 37 | | |
| Inventories of Expense Items | | 4,523 06 | | |
| | | | 106,830 32 | |
| | | | $3,518,663 41 | |

## LIABILITIES

### CURRENT

| | | | |
|---|---|---|---|
| Canadian Bank of Commerce, Niagara Falls Advances | $ 170,250 52 | | |
| *Less*: At Credit of Chairman's Account | 16,404 41 | | |
| | | $ 153,846 11 | |
| Accounts Payable | | 14,772 14 | |
| | | | $ 168,618 25 |

### DEBENTURES (Guaranteed by Province of Ontario)

| | | | |
|---|---|---|---|
| 4% Instalment Gold Debentures, payable 1st December, 1928 to 1947 | $2,000,000 00 | | |
| *Less*: Redeemed | 532,000 00 | | |
| | | $1,468,000 00 | |
| 5½%, 15 year Debentures due 1st August 1947 | $ 300,000 00 | | |
| Accrued Interest thereon | 5,500 00 | | |
| | $ 305,500 00 | | |
| *Less*: Part of $116,044.45, Sinking Fund | 35,815 68 | | |
| | | 269,684 32 | |
| 4½, 5 Year Debentures due 15th October 1937 | $ 200,000 00 | | |
| Accrued Interest thereon | 1,134 24 | | |
| | $ 201,134 24 | | |
| *Less*: Balance of $116,044.45, Sinking Fund | 80,228 77 | | |
| | | 120,905 47 | |
| | | | 1,858,589 79 |

| | | |
|---|---|---|
| RESERVE—Public Liability | | 26,651 26 |

### SURPLUS

| | | |
|---|---|---|
| As at December 1st, 1933 | $1,341,295 79 | |
| Add: Excess of Revenue over Operating Expenses for Year | 123,508 32 | |
| | | 1,464,804 11 |

### COMMITMENTS

(*a*) To purchase certain lands.
(*b*) To complete certain improvements.
(*c*) To pay pensions of about $75.00 per month.
(*d*) In respect of the termination of a lease with the International Railway Company.

$3,518,663 41

---

## REVENUE AND EXPENDITURE

## FOR YEAR ENDED 30th NOVEMBER, 1934

### REVENUE

| | Year Ended November 1934 | |
|---|---|---|
| Net Operating Revenue or Loss— | | |
| Table Rock House | $ 29,028 16 | |
| Refectory | *6,680 91 | |
| Niagara Glen Inn | *144 02 | |
| Queenston Restaurant | 491 86 | |
| Brock's Monument | 2,319 77 | |
| Clifton Incline | 6,075 71 | |
| | | $ 31,090 57 |

| | | |
|---|---|---|
| Water Rentals | $ 421,031 36 | |
| Privileges, Tolls and Fees | 13,150 83 | |
| Interest—Bank Deposits | 1,078 41 | |
| Investments | 11,571 64 | |
| Cash Discounts and Currency Exchange | 595 83 | |
| Sundry Revenue | 847 78 | |
| Total Revenue | | $ 479,366 42 |

* Loss.

## EXPENDITURE

| | | |
|---|---|---|
| Maintenance and Upkeep of Parks and Grounds | $ 90,753 92 | |
| Salaries and Expenses of Guards and Caretakers | 13,975 20 | |
| Administration Expenses | 24,843 55 | |
| Miscellaneous Expenses | 8,214 78 | |
| Special Grants | 9,180 00 | |
| Interest—On Debentures | 87,620 00 | |
| On Bank Loans | 9,970 76 | |
| Discount on Debentures | 4,715 00 | |
| American Exchange on funds re Debentures | 1,884 45 | |
| Depreciation on Sundry Tools and Equipment | 3,416 24 | |
| Depreciation on Buildings and Improvements | 100,000 00 | |
| Interest on Investment for Public Liability | 1,284 20 | |
| Total Expenditure | | $ 355,858 10 |
| Excess of Revenue over Expenditure | | $ 123,508 32 |
| | | $ 479,366 42 |

* Expenditure.

## SCHEDULE 1

## SCHEDULE OF LANDS, BUILDINGS AND IMPROVEMENTS

## AS AT NOVEMBER 30th, 1934

| | | |
|---|---|---|
| Lands and Improvements: | | |
| Butler's Burial Ground | $ 5,354 78 | |
| Parkway North (Fort George to Niagara Falls) | 983,444 12 | |
| Queenston Heights Park | 144,299 92 | |
| Niagara Glen | 42,981 17 | |
| Lundy's Lane Burial Ground | 6,744 61 | |
| Queen Victoria Park | 1,023,850 25 | |
| Parkway South (Queen Victoria Park to Fort Erie) | 1,110,044 93 | |
| Fort Erie Park | 2,921 70 | |
| Fort Erie, Road Across Shipyards | 8,266 79 | |
| Fort Erie to Old Fort, Mather Park Fill and Retaining Wall | 16,480 99 | |
| Town of Niagara-on-the-Lake—Fort Mississauga Sea Wall | 82 40 | |
| | | $3,344,471 66 |
| Buildings: | | |
| Queenston Restaurant | $ 18,188 66 | |
| Queenston Souvenir Store | 4,754 94 | |
| Queenston Creche | 8,173 03 | |
| New Queenston Restaurant—Plans | 1,158 00 | |
| Queenston Swimming Pool and Bath Houses—Plans | 208 04 | |
| Niagara Glen Inn | 23,918 14 | |
| Administration Building | 97,392 23 | |
| Refectory | 274,170 69 | |
| Table Rock House | 287,025 92 | |
| Dufferin Island Refreshment Stand | 424 78 | |
| Fort Erie Pavilion | 8,491 77 | |
| | | 723,906 20 |
| Total | | $4,068,377 86 |

## SCHEDULE 2
## OPERATING ACCOUNT
## FOR YEAR ENDED 30th NOVEMBER, 1934

| | | | |
|---|---|---|---|
| Table Rock House and Lunch Room: | | | |
| Gross Receipts from Elevator | | $ 35,942 25 | |
| Gross Receipts from Souvenir Sales | | 25,166 15 | |
| Gross Receipts from Lunch Room | | 7,832 75 | |
| | | $ 68,941 15 | |
| Supplies used | $ 14,686 07 | | |
| Commissions paid | 6,975 85 | | |
| Salaries and other expenses | 15,026 45 | | |
| Depreciation on Equipment | 3,224 62 | | |
| | | 39,912 99 | |
| Net Operating Revenue | | | $ 29,028 16 |
| Refectory: | | | |
| Gross Receipts from Dining Room | | $ 11,140 50 | |
| Gross Receipts from Lunch Room | | 9,470 16 | |
| | | $ 20,610 66 | |
| Supplies used | $ 11,872 92 | | |
| Salaries and Other Expenses | 8,934 90 | | |
| Depreciation on Equipment | 6,483 75 | | |
| | | 27,291 57 | |
| Net Operating Loss | | *(Loss)* | 6,680 91 |
| Niagara Glen Inn: | | | |
| Gross Receipts from Rental | | $ 450 00 | |
| Sundry Expenses | $ 60 21 | | |
| Depreciation on Equipment | 533 81 | | |
| | | 594 02 | |
| Net Operating Loss | | *(Loss)* | 144 02 |
| Queenston Restaurant: | | | |
| Gross Receipts from Rentals and Sundry Sales | | $ 1,201 50 | |
| Sundry Expenses | $ 95 96 | | |
| Depreciation on Equipment | 613 68 | | |
| | | 709 64 | |
| Net Operating Revenue | | | 491 86 |
| Brock's Monument: | | | |
| Gross Receipts from Tolls and Pamphlet Sales | | $ 2,823 60 | |
| Salaries and Other Expenses | | 503 83 | |
| Net Operating Revenue | | | 2,319 77 |
| Clifton Incline: | | | |
| Gross Receipts from Incline Railway | | $ 1,276 00 | |
| Gross Receipts from Souvenir and Refreshment Sales | | 14,707 60 | |
| | | $ 15,983 60 | |
| Supplies used | $ 5,838 98 | | |
| Commissions paid | 744 80 | | |
| Salaries and Other Expenses | 3,251 61 | | |
| Depreciation on Equipment | 72 50 | | |
| | | 9,907 89 | |
| Net Operating Revenue | | | 6,075 71 |
| Total | | | $ 31,090 57 |

## SCHEDULE 3
## REVENUE FROM WATER RENTALS
## IN YEAR ENDED 30th NOVEMBER, 1934

| | | |
|---|---|---|
| From Canadian Niagara Power Company: | | |
| Fixed | $ 15,000 00 | |
| Additional | 51,789 25 | |
| | | $ 66,789 25 |

| | | |
|---|---|---|
| From Ontario Power Company: | | |
| Fixed | $ 30,000 00 | |
| Additional | 52,559 47 | |
| | | 82,559 47 |
| From Electrical Development Company: | | |
| Fixed | $ 15,000 00 | |
| Additional | 24,923 90 | |
| | | 39,923 90 |
| | | $ 189,272 62 |
| From Hydro-Electric Power Commission in respect of the Queenston-Chippawa Development: | | |
| For year ending 31st October, 1934 | | 231,758 74 |
| Total | | $ 421,031 36 |

## SCHEDULE 4

### REVENUE FROM PRIVILEGES, TOLLS AND FEES IN YEAR ENDED 30th NOVEMBER, 1934

| | | |
|---|---|---|
| From Niagara Spanish Aero Car Company | | $ 3,500 00 |
| From Maid-of-the-Mist Steamboat Company | | 2,500 00 |
| From Bus Companies: | | |
| Van Dyke—Sight Seeing | $ 360 57 | |
| International Bus Corporation | 188 40 | |
| Gray Coach Lines | 1,558 49 | |
| Highway King Coach Lines Ltd.—Local and Sight Seeing | 3,796 18 | |
| Sundry | 71 69 | |
| | | 5,975 33 |
| Fees from Lundy's Lane Burial Ground | | 408 00 |
| Tower Optical Company—Binoculars | | 767 50 |
| Total | | $ 13,150 83 |

## SCHEDULE 5

### MAINTENANCE AND UPKEEP OF PARKS, PARKWAYS AND GROUNDS FOR YEAR ENDED 30th NOVEMBER, 1934

| | |
|---|---|
| Butler's Burial Ground | $ 758 76 |
| Parkway North (Fort George to Queenston) | 4,605 13 |
| Queenston Heights Park | 9,013 14 |
| Parkway North (Queenston to Niagara Falls) | 5,173 22 |
| Niagara Glen | 2,552 40 |
| Lundy's Lane Burial Ground | 1,499 47 |
| City of Niagara Falls | 2,363 98 |
| Queen Victoria Park | 52,678 62 |
| Parkway South (Queen Victoria Park to Fort Erie) | 9,562 58 |
| Parkway South (Town of Fort Erie) | 474 71 |
| Fort Erie Park | 2,071 91 |
| Total | $ 90,753 92 |

## SCHEDULE 6

### SALARIES AND EXPENSES OF GUARDS AND CARETAKERS FOR YEAR ENDED 30th NOVEMBER, 1934

| | |
|---|---|
| Fort George to Queenston | $ 980 58 |
| Queenston Heights Park | 1,854 33 |
| Queenston Heights to Niagara Falls | 1,067 00 |
| Niagara Glen | 1,107 98 |
| Lundy's Lane Burial Grounds | 1,211 00 |
| Queen Victoria Park | 5,311 11 |
| Queen Victoria Park to Fort Erie | 2,219 60 |
| Fort Erie Park | 223 60 |
| Total | $ 13,975 20 |

## SCHEDULE 7

## ADMINISTRATION EXPENSES

### FOR YEAR ENDING 30th NOVEMBER, 1934

| | | |
|---|---|---|
| Executive and Office Salaries | $ | 21,987 96 |
| Office Supplies | | 897 29 |
| Office Expenses | | 1,153 52 |
| Travelling Expenses | | 372 44 |
| Commissioners' Expenses | | 432 34 |
| Total | $ | 24,843 55 |

## SCHEDULE 8

## MISCELLANEOUS EXPENSES

### FOR YEAR ENDED 30th NOVEMBER, 1934

| | | |
|---|---|---|
| Insurance | $ | 2,947 06 |
| Advertising | | 800 84 |
| Pensions | | 900 00 |
| Entertainment | | 102 17 |
| Professional Services | | 1,834 57 |
| Exchange on Bond Coupons | | 31 87 |
| Expense of Bond Issues | | 2 50 |
| Contribution to Superannuation Fund | | 1,595 77 |
| Total | $ | 8,214 78 |

## SCHEDULE 9

## GRANTS AND SPECIAL CHARGES

### FOR YEAR ENDED 30th NOVEMBER, 1934

| | | |
|---|---|---|
| Stoney Creek Battleground—Grant | $ | 800 00 |
| Niagara Falls General Hospital—Grant | | 200 00 |
| Board of Illumination | | 3,000 00 |
| City of Niagara Falls re Water Works—portion written off | | 5,000 00 |
| Mrs. Hounsell | | 180 00 |
| Total | $ | 9,180 00 |

## SCHEDULE 10

## CAPITAL EXPENDITURE

### IN YEAR ENDED 30th NOVEMBER, 1934

| | | |
|---|---|---|
| Niagara-on-the-Lake—Fort Mississanga Sea Wall | $ | 82 40 |
| Queen Victoria Park to Fort Erie—Road Across Shipyards | | 8,266 79 |
| Fort Erie to Old Fort—Mather Park, Fill and Retaining Wall | | 16,480 99 |
| Fort Erie to Old Fort—Construction of Pavilion | | 4,686 44 |
| Queen Victoria Park—Refectory Transformer House | | 967 62 |
| Total | $ | 30,484 24 |

## NIAGARA PARKS COMMISSION

## BALANCE SHEET AS AT NOVEMBER 30th, 1935

### ASSETS

| | | | |
|---|---|---|---|
| CURRENT | | | |
| Cash on Hand | | $ 1,000 00 | |
| Accounts Receivable | | 698 63 | |
| Inventories of Supplies and Souvenirs | | 4,989 85 | $ 6,688 48 |
| RESERVE FUND | | | |
| Sinking Fund Provision for Debenture Issues Deposit with the Treasury Department of Ontario (Deducted from Debenture Issues) | | 172,567 86 | |
| In Guaranteed Investment Certificates of The Toronto General Trusts Corporation, for:— | | | |
| (1) Public Liability | | 25,431 29 | |
| (2) Depreciation, Buildings and Improvement and, or for, other purposes | | 53,460 65 | 78,891 94 |
| PROPERTY | | | |
| Land, Buildings and Improvements, cost | $4,162,643 86 | | |
| *Less*: Reserve for Depreciation | 1,014,614 40 | | |
| | | $3,148 029 46 | |
| Office and Restaurant Equipment, cost | $ 100,779 44 | | |
| *Less*: Reserve for Depreciation | 97,188 68 | | |
| | | 3,590 76 | |
| Cars and Trucks, cost | $ 8,504 81 | | |
| *Less*: Reserve for Depreciation | 8,024 05 | | |
| | | 480 76 | |
| Miscellaneous Equipment and Tools, cost | $ 27,090 07 | | |
| *Less*: Reserve for Depreciation | 26,823 56 | | |
| | | 266 51 | |
| Tableware, Linens and Utensils, cost | $ 29,449 46 | | |
| *Less*: Reserve for Depreciation | 25,453 21 | | |
| | | 3,996 25 | 3,156 363 74 |
| DEFERRED | | | |
| Payment made by the Commission in 1932 to the City of Niagara Falls in respect to the removal of the City Water-Works from the Park Properties. | $ 50,000 00 | | |
| *Less*: Written off | 20,000 00 | | |
| | | $ 30,000 00 | |
| International Railway Company Arbitration. Award, and Legal, Engineering and other costs paid to date, less proceeds of sale of property | | 223,647 83 | |
| Discount on Debentures | $ 87,820 00 | | |
| *Less*: Written off | 32,876 63 | | |
| | | 54,943 37 | |
| Inventories of Expense Items | | 8,820 64 | 317,411 84 |
| | | | $3,559,356 00 |

### LIABILITIES

| | |
|---|---|
| CURRENT | |
| Canadian Bank of Commerce, Niagara Falls | |
| Notes | $ 100,000 00 |
| Current Account, Overdraft | 145,546 98 |
| | $ 245,546 98 |

| | | | |
|---|---|---|---|
| *Less*: At Credit of Chairman's Account | 232,061 18 | | |
| | | $ 13,485 80 | |
| Accounts Payable, General | | 29,371 34 | |
| Accounts Payable, Award, International Railway Company | | 167,664 00 | |
| | | | $ 210,521 14 |
| DEBENTURES (Guaranteed by Province of Ontario) | | | |
| 4% Instalment Gold Debentures, payable 1st December 1928 to 1947 | $2,000,000 00 | | |
| *Less*: Redeemed | 620,000 00 | | |
| | | $1,380,000 00 | |
| 5½%, 15 year Debentures due 1st August, 1947 | $ 300,000 00 | | |
| Accrued Interest thereon | 5,500 00 | | |
| | $ 305,500 00 | | |
| *Less*: Part of $172,567.85 Sinking Fund | 52,200 53 | | |
| | | 253,299 47 | |
| 4½%, 5 year Debentures due 15th, October 1937 | $ 200,000 00 | | |
| Accrued Interest thereon | 1,134 24 | | |
| | $ 201,134 24 | | |
| *Less*: Balance of $172,567.86 Sinking Fund | 120,367 33 | | |
| | | 80,766 91 | |
| | | | 1,714,066 38 |
| RESERVE—Public Liability | | | 27,992 20 |
| SURPLUS | | | |
| As at December 1st, 1934 | | $1,464,804 11 | |
| Add: Excess of Revenue over Operating Expenses for the year | | 141,972 17 | |
| | | | 1,606,776 28 |
| COMMITMENTS | .. | | |
| (*a*) To purchase certain lands. | | | |
| (*b*) To complete certain improvements. | | | |
| (*c*) To pay pensions of about $75.00 per month. | | | |
| (*d*) In respect of the termination of a lease with the International Railway Company. | | | |
| | | | $3,559,356 00 |

## REVENUE AND EXPENDITURE

## FOR YEAR ENDED 30th NOVEMBER, 1935

### REVENUE

| | Year Ended November 1935 | |
|---|---|---|
| OPERATING REVENUE OR LOSS (before Depreciation): | | |
| Table Rock House | $ 34,940 92 | |
| Park Restaurant | 1,683 35 | |
| Niagara Glen Inn | *10 14 | |
| Queenston Restaurant | 103 67 | |
| Brock's Monument | 2,744 11 | |
| Clifton Incline | 5,772 99 | |
| | | $ 45,234 90 |
| *Less*: Depreciation on Equipment and Utensils | | 10,468 27 |
| Net Operating Revenue | | $ 34,766 63 |
| Water Rentals | $ 424,645 94 | |
| Privileges, Tolls and Fees | 12,239 48 | |
| Interest—Bank Deposits | 740 49 | |
| Interest—Investments | 12,488 64 | |
| Cash Discounts | 527 43 | |
| Sundry Revenue | 609 20 | |
| Total Revenue | | $ 486,017 81 |

**Loss.*

## EXPENDITURE

| | | |
|---|---|---|
| Maintenance and Upkeep of Parks and Grounds | $ 87,999 02 | |
| Salaries and Expenses of Guards and Caretakers | 14,182 26 | |
| Administration Expenses | 24,216 16 | |
| Miscellaneous Expenses | 8,058 20 | |
| Special Grants | 10,125 00 | |
| Interest on Debentures | 84,220 00 | |
| Interest on Bank Loans | 4,832 87 | |
| Discount on Debentures | 4,715 00 | |
| American Exchange on funde re: Debentures | 1,381 65 | |
| Depreciation on Sundry Tools and Equipment | 2,974 54 | |
| Depreciation on Buildings and Improvements | 100,000 00 | |
| Interest on Investments for Public Liability | 1,340 94 | |
| Total Expenditure | | $ 344,045 64 |
| Excess of Revenue over Expenditure | | 141,972 17 |
| | | $ 486,017 81 |

## SCHEDULE 1

## SCHEDULE OF LANDS, BUILDINGS AND IMPROVEMENTS

### AS AT NOVEMBER 30th, 1935

| | | |
|---|---|---|
| Lands and Improvements: | | |
| Butler's Burial Ground | $ 5,354 78 | |
| Parkway North (Fort George to Niagara Falls) | 983,444 12 | |
| Queenston Heights Park | 144,299 92 | |
| Niagara Glen | 42,981 17 | |
| Lundy's Lane Burial Ground | 6,744 61 | |
| Queen Victoria Park | 1,061,402 35 | |
| Parkway South (Queen Victoria Park to Fort Erie) | 1,133,705 93 | |
| Fort Erie Park | 2,921 70 | |
| Fort Erie, Road Across Shipyards | 8,266 79 | |
| Fort Erie to Old Fort, Mather Park fill and Retaining Wall | 17,617 90 | |
| Town of Niagara-on-the-Lake—Fort Mississauga Sea Wall | 6,028 19 | |
| City of Niagara Falls, Clifton and Lafayette Hotel Sites | 11,124 13 | |
| City of Niagara Falls, Road Entrance to Lower Bridge | 1,105 16 | |
| Town of Fort Erie—Fort Erie Retaining Wall | 8,989 50 | |
| | | $3,433,985 25 |
| Buildings: | | |
| Queenston Restaurant | $ 18,188 66 | |
| Queenston Souvenir Store | 4,754 94 | |
| Queenston Creche | 8,173 03 | |
| New Queenston Restaurant—Plans | 1,158 00 | |
| Queenston Swimming Pool and Bath Houses—Plans | 208 04 | |
| Niagara Glen Inn | 23,918 14 | |
| Administration Building | 97 392 23 | |
| Park Restaurant | 278,922 10 | |
| Table Rock House | 287,025 92 | |
| Dufferin Island Refreshment Stand | 424 78 | |
| Fort Erie Pavilion | 8,491 77 | |
| | | $ 728,657 61 |
| Total | | $4,162,643 86 |

## SCHEDULE 2

## OPERATING ACCOUNT

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Table Rock House and Lunch Room: | |
| Gross Receipts from Elevator | $ 36,442 30 |
| Gross Receipts from Souvenir Sales | 31,810 71 |
| Gross Receipts from Lunch Room | 10,402 99 |
| | $ 78,656 00 |

| | | | |
|---|---|---|---|
| Supplies used | $ 19,885 69 | | |
| Commissions paid | 7,109 15 | | |
| Salaries and other expenses | 16,720 24 | | |
| | | 43,715 08 | |
| Operating Revenue (before Depreciation) | | | $ 34,940 92 |
| Park Restaurant: | | | |
| Gross Receipts from Dining Room | | $ 24,472 14 | |
| Gross Receipts from Lunch Room | | 11,139 36 | |
| | | 35,611 50 | |
| Supplies used | $ 19,482 88 | | |
| Salaries and other expenses | 14,445 27 | | |
| | | $ 33,928 15 | |
| Operating Revenue (before Depreciation) | | | $ 1,683 35 |
| Niagara Glen Inn: | | | |
| Gross Receipts from Souvenir Sales | | $ 639 58 | |
| Gross Receipts from Dining Room | | 1,381 92 | |
| | | $ 2,021 50 | |
| Supplies used | $ 1,332 76 | | |
| Salaries and other expenses | 698 88 | | |
| | | $ 2,031 64 | |
| Operating Loss (before Depreciation) | *Loss* | | $ 10 14 |
| Queenston Restaurant: | | | |
| Gross Receipts from Souvenir Sales | | $ 7,435 97 | |
| Gross Receipts from Dining Room | | 3,137 35 | |
| Gross Receipts from Sundry Sales | | 2 08 | |
| | | $ 10,575 40 | |
| Supplies used | $ 6,506 40 | | |
| Salaries and other expenses | 3,965 33 | | |
| | | 10,471 73 | |
| Operating Revenue (before Depreciation) | | | $ 103 67 |
| Brock's Monument: | | | |
| Gross Receipts from Tolls and Pamphlet Sales | | $ 3,415 36 | |
| Salaries and other expenses | | 671 25 | |
| Net Operating Revenue | | | $ 2,744 11 |
| Clifton Incline: | | | |
| Gross Receipts from Incline Railway | | $ 1,347 05 | |
| Gross Receipts from Souvenirs and Refreshments | | 14,723 22 | |
| | | $ 16,070 27 | |
| Supplies used | $ 6,696 76 | | |
| Commissions paid | 687 75 | | |
| Salaries and other expenses | 2,912 77 | | |
| | | 10,297 28 | |
| Operating Revenue (before Depreciation) | | | $ 5,772 99 |
| Total | | | $ 45,234 90 |

## SCHEDULE 3

## REVENUE FROM WATER RENTALS

## IN YEAR ENDED 30th NOVEMBER, 1935

| | | |
|---|---|---|
| From Canadian Niagara Power Company: | | |
| Fixed | $ 15,000 00 | |
| Additional | 51,821 29 | |
| | | $ 66,821 29 |
| From Ontario Power Company: | | |
| Fixed | $ 30,000 00 | |
| Additional | 83,113 05 | |
| | | 113,113 05 |

| | | |
|---|---|---|
| From Electrical Development Company: | | |
| Fixed | $ 15,000 00 | |
| Additional | 6,756 00 | |
| | | 21,756 00 |
| From Hydro-Electric Power Commission, in respect of the Queenston-Chippawa Development | | 222,955 60 |
| Total | | $ 424,645 94 |

## SCHEDULE 4

## REVENUE FROM PRIVILEGES TOLLS AND FEES

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | | |
|---|---|---|
| From Niagara Spanish Aero Car Company | | $ 3,500 00 |
| From Maid-of-the-Mist Steamboat Company | | 1,200 00 |
| From Bus Companies: | | |
| Van Dyke—Sight-Seeing | $ 374 17 | |
| International Bus Corporation | 134 00 | |
| Gray Coach Lines | 1,700 63 | |
| Highway King Coach Lines Ltd.—Local and Sight-Seeing | 3,656 22 | |
| Sundry | 121 12 | |
| | | 5,986 14 |
| Fees from Lundy's Lane Burial Ground | | 248 00 |
| Tower Optical Company—Binoculars | | 1,305 34 |
| Total | | $ 12,239 48 |

## SCHEDULE 5

## MAINTENANCE AND UPKEEP OF PARKS PARKWAYS AND GROUNDS

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Butler's Burial Ground | $ 607 99 |
| Parkway North (Fort George to Queenston) | 4,699 52 |
| Queenston Heights Park | 6,181 76 |
| Parkway North (Queenston to Niagara Falls) | 4,954 56 |
| Niagara Glen | 3,351 11 |
| Lundy's Lane Burial Ground | 2,202 45 |
| City of Niagara Falls | 1,490 58 |
| Queen Victoria Park | 53,481 19 |
| Parkway South (Queen Victoria Park to Fort Erie) | 8,889 49 |
| Parkway South (Town of Fort Erie) | 591 14 |
| Fort Erie Park | 1,427 15 |
| Town of Niagara-onthe-Lake | 122 08 |
| Total | $ 87,999 02 |

## SCHEDULE 6

## SALARIES AND EXPENSES OF GUARDS AND CARETAKERS

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Fort George to Queenston | $ 631 56 |
| Queenston Heights Park | 1,857 84 |
| Queenston Heights to Niagara Falls | 1,210 76 |
| Niagara Glen | 1,084 24 |
| Lundy's Lane Burial Ground | 1,230 49 |
| Queen Victoria Park | 5,926 08 |
| Queen Victoria Park to Fort Erie | 1,934 89 |
| Fort Erie Park | 224 40 |
| Butler's Burial Ground | 82 00 |
| Total | $ 14,182 26 |

## SCHEDULE 7

### ADMINISTRATION EXPENSES

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Executive and Office Salaries | $ 18,682 84 |
| Office Supplies | 1,084 94 |
| Office Expense | 1,499 25 |
| Travelling Expenses | 1,112 35 |
| Commissioner's Expenses | 1,836 78 |
| Total | $ 24,216 16 |

## SCHEDULE 8

### MISCELLANEOUS EXPENSES

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Insurance | $ 2,367 43 |
| Advertising | 3,936 11 |
| Pensions | 900 00 |
| Entertainment | 472 89 |
| Professional Services | *36 00 |
| Exchange on Bond Coupons and Bonds | 121 82 |
| Contribution to Superannuation Fund | 295 95 |
| Total | $ 8,058 20 |

## SCHEDULE 9

### GRANTS AND SPECIAL CHARGES

### FOR YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Stoney Creek Battleground—Grant | $ 800 00 |
| Niagara Falls General Hospital—Grant | 200 00 |
| Board of Illumination | 3,000 00 |
| City of Niagara Falls re: Water Works—portion written off | 5,000 00 |
| Falls View Hose Company—Grant | 50 00 |
| Niagara Historical Society—Grant | 50 00 |
| Percy L. Walker—Compensation | 1,000 00 |
| Niagara Falls Vocational School | 25 00 |
| Total | $ 10,125 00 |

## SCHEDULE 10

### CAPITAL EXPENDITURE

### IN YEAR ENDED 30th NOVEMBER, 1935

| | |
|---|---|
| Niagara-on-the-Lake—Fort Mississauga Sea Wall | $ 5,945 79 |
| City of Niagara Falls—Clifton and Lafayette Hotel Sites | 11,124 13 |
| City of Niagara Falls—Road Entrance to Lower Bridge | 1,105 16 |
| Queen Victoria Park—New Road—Park Restaurant to Table Rock | 19,882 41 |
| Queen Victoria Park—New Transformer House at Park Restaurant | 4 751 41 |
| Queen Victoria Park—Scaling Cliff at Table Rock | 17,458 44 |
| Queen Victoria Park—Parking Space at Ontario Power Gate House | 211 25 |
| Queen Victoria Park to Fort Erie—Lands | 3 65 |
| Queen Victoria Park to Fort Erie—Banking Curves | 10,500 43 |
| Queen Victoria Park to Fort Erie—Widening Black Creek Bridge | 8,320 30 |
| Queen Victoria Park to Fort Erie—Widening Usher's Creek Bridge | 4,566 94 |
| Queen Victoria Park to Fort Erie—Road Entrance to Filtration Plant | 269 68 |
| Town of Fort Erie—Fort Erie Retaining Wall | 8,989 50 |
| Fort Erie to Old Fort—Mather Park Fill and Retaining Wall | 1,136 91 |
| Total | $ 94,265 00 |

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